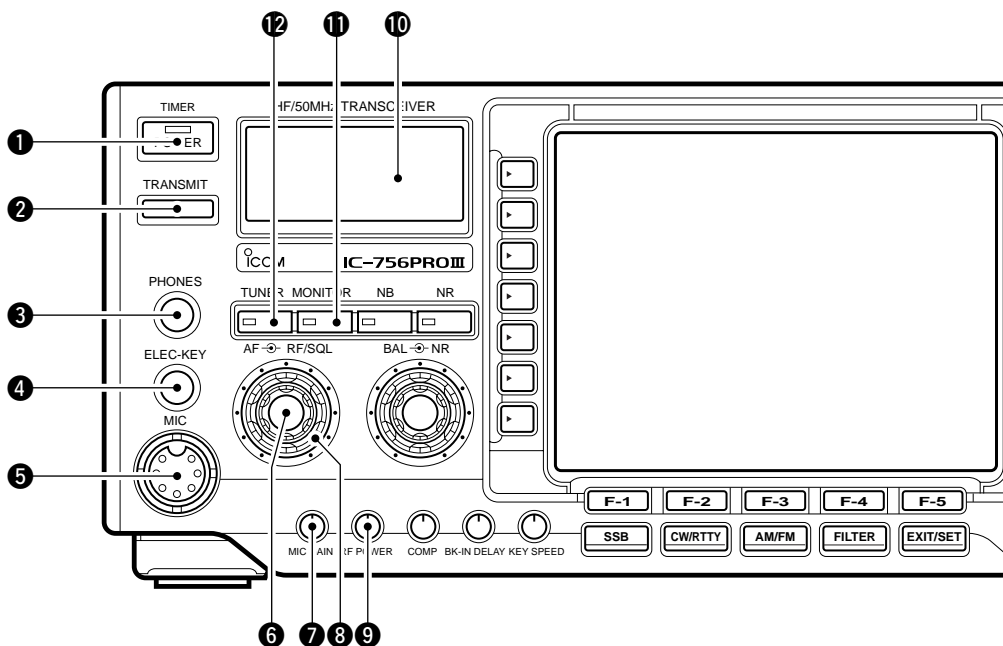




HF/50 MHz
ALL MODE TRANSCEIVER
IC-756PROIII



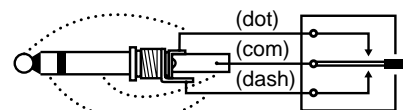


1. [/]
 • DC ON
 • DSP 10 가 A/D ON
 • ON OFF ON
 • [TIMER] 가 1

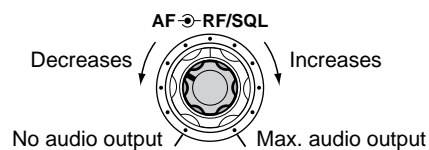
2. [TRANSMIT]
 • 가 [TX] 가 가

3. [PHONES]
 • : 8 5mW

4. ELECTRONIC KEYS JACK [ELEC-KEY]
 CW
 • keyer (p. 38), bug-key 가
 • (p. 43)
 • keyer (dot dash)
 • 4

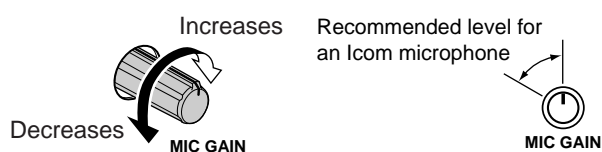


5. [MIC]
 • 116
 • 18
6. AF CONTROL [AF] (inner control)



7. MIC GAIN CONTROL [MIC GAIN]
 • SSB

✓ SSB [MIC] ALC 가



8 RF GAIN CONTROL/SQUELCH CONTROL [RF/SQL] (outer control)

RF

가

()

•

가 FM

• [RF/SQL]

12

1

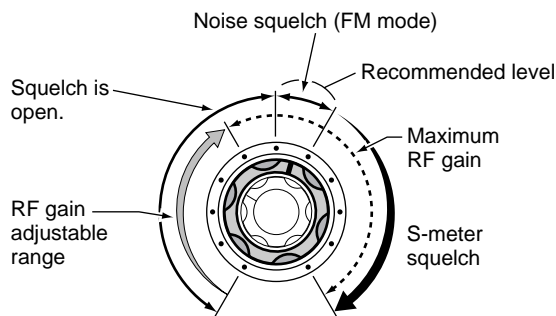
• 'Auto' (SSB, CW, RTTY ; AM FM (RF

RF)

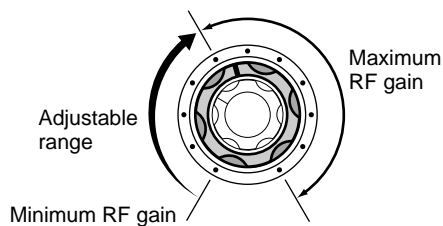
)

MODE	SET MODE SETTING		
	AUTO	SQL	RF GAIN + SQL
SSB, CW RTTY	RF GAIN	SQL	RF GAIN + SQL
AM, FM	SQL	SQL	RF GAIN + SQL

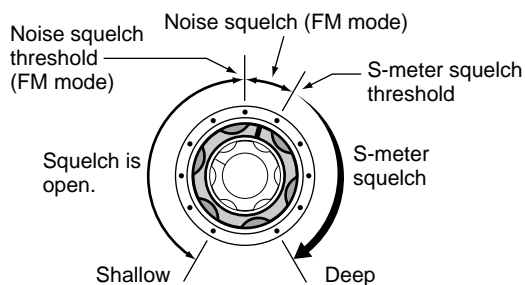
•When setting as RF gain/squelch control



•When functioning as RF gain control (Squelch is fixed open; SSB, CW, RTTY only)

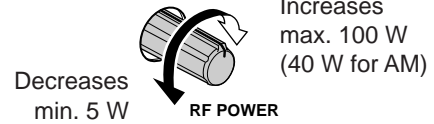


•When functioning as squelch control (RF gain is fixed at maximum.)



9 RF POWER CONTROL [RF POWER] RF (5W*) (100W*)

* AM : 5 W to 40 W



10 S/RF METER (p. 31)

, SWR ALC

11 MONITOR SWITCH [MONITOR] (p. 70)

IF

• CW [MONITOR]가 OFF

CW

• [MONITOR] 가

12 ANTENNA TUNER SWITCH [TUNER] (p. 89)

ON

OFF(bypass)

2

• [TUNER] 가

• 가 20

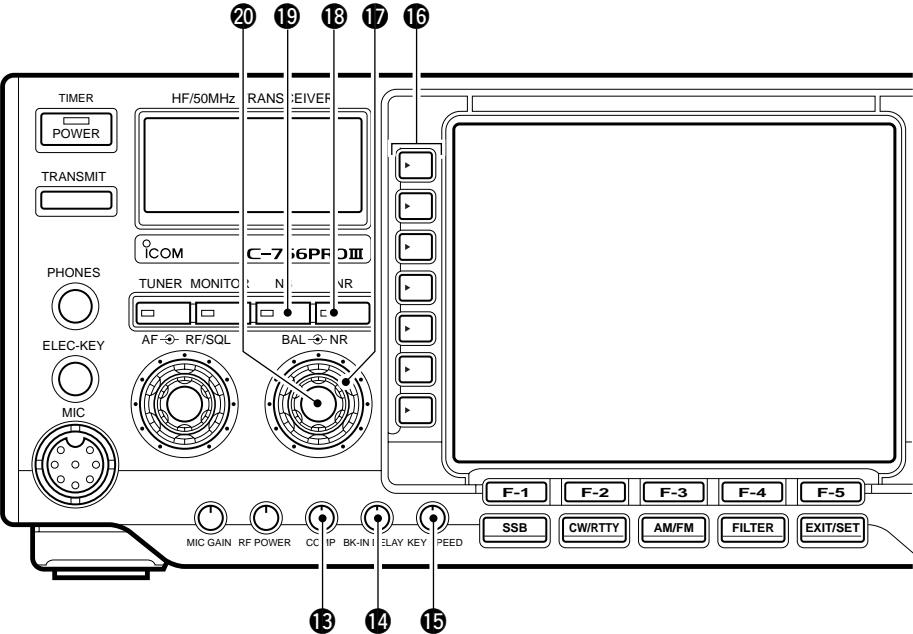


DSP

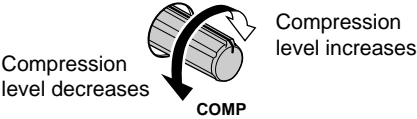
가

1 PANEL DESCRIPTION

■ ()



13 COMPRESSION LEVEL CONTROL [COMP]
(p. 68)
SSB



14 SEMI BREAK-IN DELAY CONTROL [BK-IN DELAY]
CW semi break-in



15 ELECTRONIC CW KEYER SPEED CONTROL [KEY SPEED] (p. 35)
CW
6wpm() 60wpm() 가



16 MULTI-FUNCTION SWITCHES
LCD

ANT 1 → [ANT2] [ANT1] (p. 88)
→ 1 [RX ANT] ()
• 가 , [ANT1]
[ANT2]
가 [ANT]
VERT 가
METER Po → ALC RF (Po), SWR
→ 1 COMP
ON OFF
P. AMP OFF → 2 RF
• P. AMP1 10dB
• P. AMP2 16dB

✓ **What is the preamp?**

S/N
“P.AMP1” “P.AMP2”

ATT OFF → 6dB, 12dB 18dB

✓ **What is the attenuator?**

AGC MID → AGC (fast), (middle) (slow) (fast)
 • FM AGC
 → 1

AGC 0.1 0.8 OFF
 가 () "OFF"
 , S- METER

✓ AGC ?
 AGC 가

"FAST" "MID" "SLOW" . AGC
 FM

VOX OFF → (SSB, AM ON FM mode) OFF
 VOX ON
 → 1
 VOX

✓ VOX ?
 VOX ()
 PTT

BK-IN OFF → CW semi break-in, full break-in break-in

✓ break-in ?
 break-in CW
 Full break-in(QSK)

RTTY FIL OFF → RTTY RTTY ON/OFF
 • RTTY 가 ON , [TWIN PBT]
 IF
 → RTTY 1
 RTTY

✓ What is the IF shift?
 IF IF ()
 [TWIN PBT] IF

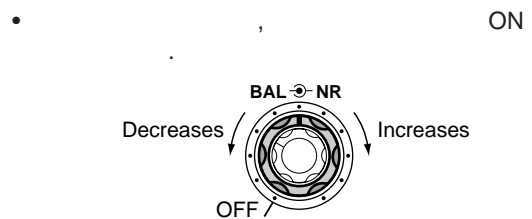
COMP OFF WIDE → SSB ON
 OFF
 → 1 narrow, middle or wide

✓ What is the speech compressor?
 가
 talk power가 가
 가

1/4 OFF → SSB , CW RTTY
 1/4 ON OFF . (p. 27)
 • 1/4 1/4

TONE OFF → FM ,
 → FM 1 ,

17 NOISE REDUCTION LEVEL CONTROL [NR] (outer control; p. 65)



18 NOISE REDUCTION SWITCH [NR] (p. 65)

ON OFF
 [NR] 가

NR Noise reduction OFF **NR** Noise reduction ON

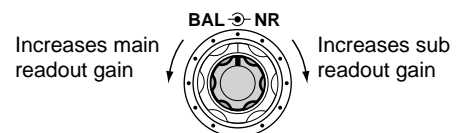
19 NOISE BLANKER SWITCH [NB] (p. 64)

ON/OFF

FM
 [NB] 가

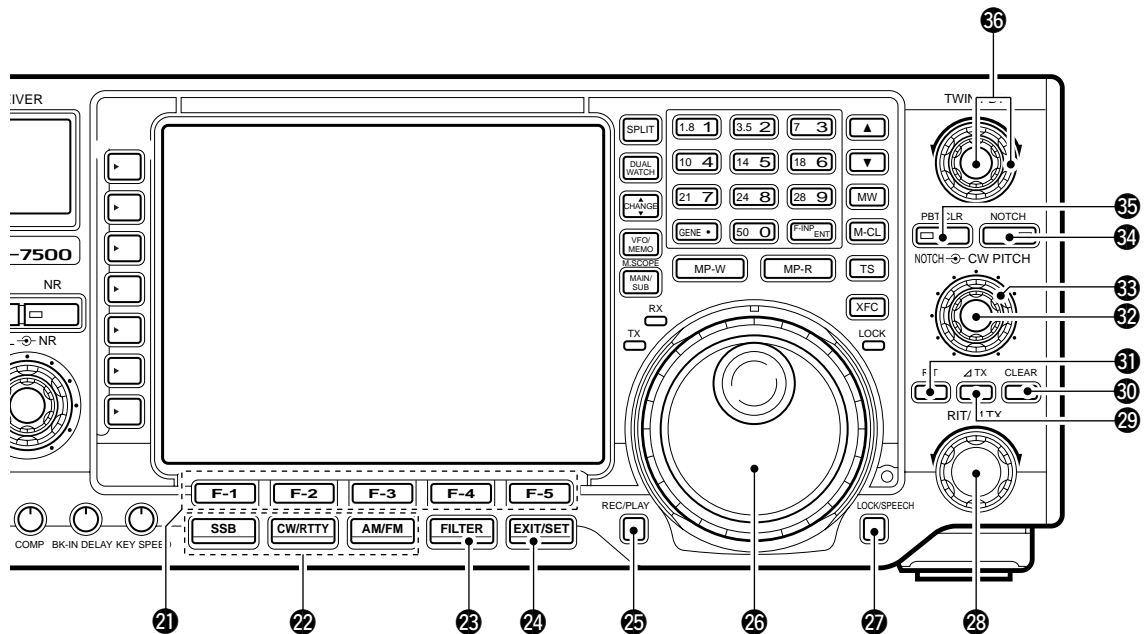
NB Noise blanker OFF **NB** Noise blanker ON
 → 1

20 BALANCE CONTROL [BAL] (inner control; p. 63)



1 PANEL DESCRIPTION

■ ()



21 LCD FUNCTION SWITCHES [F-1] F-5]
LCD

25 REC/PLAY SWITCH [REC/PLAY] (p. 73)
R4

22 MODE SWITCHES

• UT-102가

26 TUNING DIAL (p. 25)

SSB → USB LSB
→ 1 SSB (USB-D, LSB-D)

27 LOCK/SPEECH SWITCH [LOCK/SPEECH]
ON

CW/RTTY → CW RTTY
→ CW 1 CW
CW-R (CW reverse)

→ OFF
→ UT-102가 1
S-

→ RTTY 1 RTTY
RTTY-R (RTTY revrse)

28 RIT/ TX CONTROL [RIT/ TX]
RIT / TX ON

AM/FM → AM FM
→ AM FM 1
AM/FM (AM-D, FM-D)

• 가 가

23 FILTER SWITCH [FILTER] (p. 61)

• 1Hz ±9.999kHz
(10Hz ±9.99kHz)

→ 3 IF
→ 1

24 EXIT/SET SWITCH [EXIT/SET]

→
→ 1
(p. 94)



29 ΔTX SWITCH [ΔTX] (p. 69)

→ ΔTX ON OFF

•[RIT/ΔTX] ΔTX 가
→ 1 가

✓ What is the ΔTX function?

ΔTX CW

30 CLEAR SWITCH [CLEAR] (pgs. 58, 69)

1 RIT/ΔTX 가
• (1) QUICK
RIT/ΔTX CLEAR

31 RIT SWITCH [RIT] (p. 58)

→ RIT ON OFF

•[RIT/ΔTX] RIT 가
→ 1 RIT 가

✓ What is the RIT function?

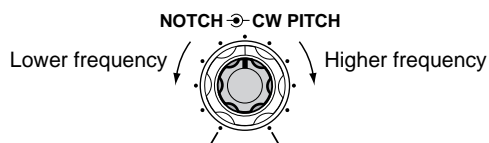
RIT(Receiver Incremental Tuning)

off -

32 MANUAL NOTCH FILTER CONTROL [NOTCH]
(inner control; p. 64)

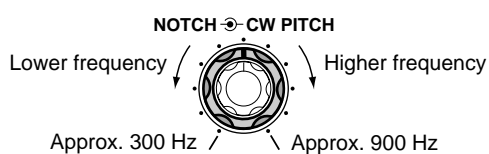
가 ON ,

- SSB : 0 Hz to 5100 Hz
- CW : CW pitch freq.-900 Hz to CW pitch freq. +4200 Hz
- AM : -5100 Hz to 5100 Hz



33 CW PITCH CONTROL [CW PITCH]
(outer control; p. 37)

CW CW



34 NOTCH SWITCH [NOTCH] (p. 64)

→ SSB, AM

→ CW ON

OFF

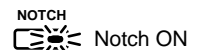
→ FM ON

OFF

• , "AN"

• , "MN"

• [NOTCH] 가



✓ What is the notch function?

DSP CW AM

35 PBT CLEAR SWITCH [PBT CLR] (p. 60)

1 PBT 가
•PBT가 , [PBT CLR] 가

36 PASSBAND TUNING CONTROLS [TWIN PBT]

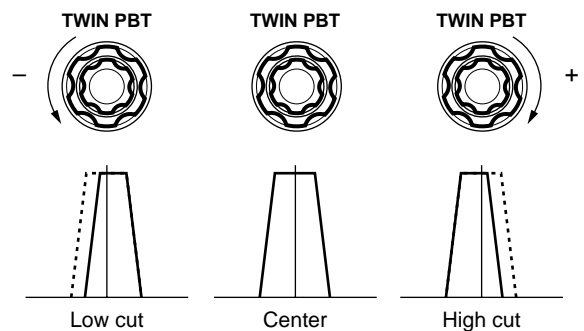
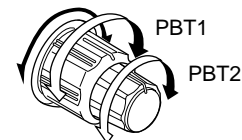
" " DSP

- LCD
- [PBT CLR]
- 2
- 가 IF 25 Hz
- 50 Hz
- IF RTTY 가 ON AM

✓ What is the PBT control?

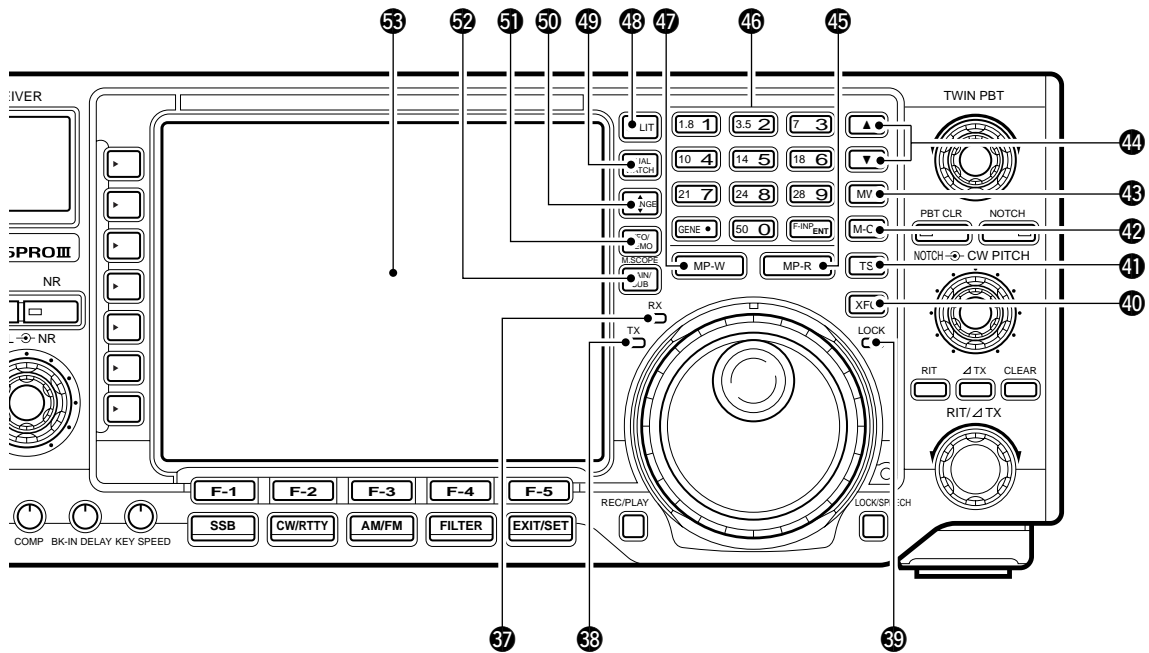
PBT IF DSP

TWIN PBT



1 PANEL DESCRIPTION

■ ()



37 RECEIVE INDICATOR [RX]
가 가

➡ tuning step OFF
1 1Hz ON/OFF
•1Hz

38 TRANSMIT INDICATOR [TX]

➡ tuning step ON 1
tuning step set 가

39 LOCK INDICATOR [LOCK] (p. 65)

42 MEMORY CLEAR SWITCH [M-CL] (p. 81)
1

40 TRANSMIT FREQUENCY CHECK SWITCH [XFC]

• VFO

43 MEMORY WRITE SWITCH [MW] (p. 79)
1

• VFO 가

41 QUICK TUNING SWITCH [TS] (p. 26)

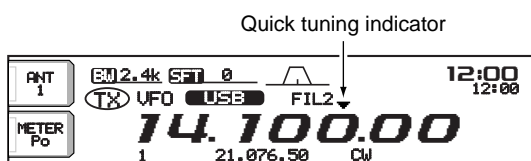
➡ tuning step ON/OFF
• tuning " "가
kHz
• 0, 1, 5, 9, 10, 12.5,
20, 25 kHz tuning step

44 MEMORY UP/DOWN SWITCHES [▲]/[▼] (p. 77)

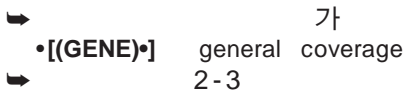

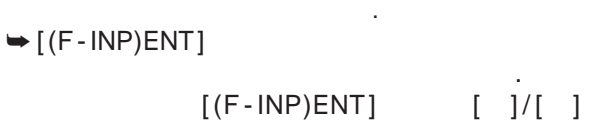
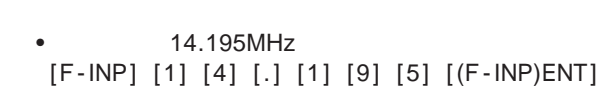
➡ VFO
• [F-INP]

45 MEMO PAD-READ SWITCH [MP-R] (p. 82)

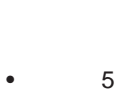


가
가 5 (10)
가 가
• 5 10





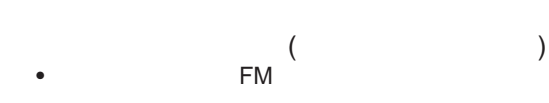


46 KEYPAD

- ➡ 
- ➡ 
- ➡ 
- 



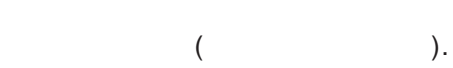

47 MEMO PAD-WRITE SWITCH [MP-W] (p. 82)

- 
- 
- 

48 SPLIT SWITCH [SPLIT] (p. 71)

- ➡ 
- ➡ 
- 
- 
- ➡ 



49 DUALWATCH SWITCH [DUALWATCH] (p. 63)

- ➡ 
- ➡ 
- 
- 

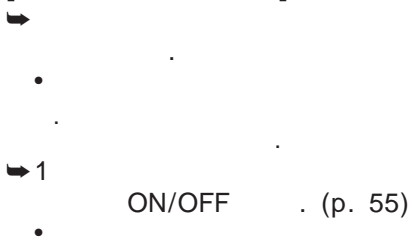
50 MAIN/SUB CHANGE SWITCH [CHANGE]

- ➡ 
- ➡ 

51 VFO/MEMORY SWITCH [VFO/MEMO]

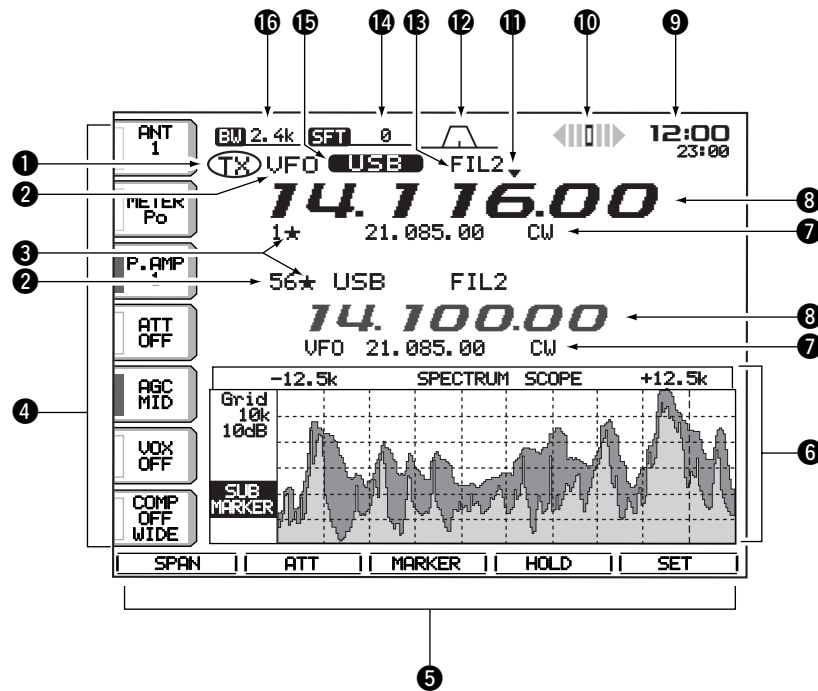
- ➡ 
- ➡ 

52 MAIN/SUB•M.SCOPE SWITCH [MAIN/SUB•M.SCOPE]

- ➡ 

53 LCD FUNCTION DISPLAY (See p. 9 for details.)

LCD



1 TX INDICATOR

2 VFO/MEMORY CHANNEL INDICATOR

(pgs. 23, 77)
VFO

3 SELECT MEMORY CHANNEL INDICATOR (p. 86)

4 MULTI-FUNCTION SWITCH GUIDE

5 LCD FUNCTION SWITCH GUIDE

LCD ([F-1] - [F-5])

6 MULTI-FUNCTION SCREEN (p. 10)

RTTY, IF

7 MEMORY CHANNEL READOUTS (p. 77)

→ VFO

→ VFO

8 FREQUENCY READOUTS (p. 25)

9 CLOCK READOUT (p. 92)

10 RTTY TUNING INDICATOR (p. 47)

RTTY

11 QUICK TUNING INDICATOR (p. 26)

tuning step

12 PASSBAND WIDTH INDICATOR (pgs. 60, 61)

IF PBT

13 IF FILTER INDICATOR (p. 61)

IF

14 SHIFT FREQUENCY INDICATOR (p. 60)

IF

15 MODE INDICATOR (p. 29)

16 BAND WIDTH INDICATOR (p. 61)

IF

[EXIT]

가

• Start up screen

ANT 1	EM 2.4k SET 0	12:00 12:00
METER Po	TX VFO CW FIL2	
P. AMP 1	14.100.00	
ATT OFF	VFO USB FIL2	
AGC MID	14.100.00	
BK-IN OFF	1	
1/4 OFF		
SCOPE VOICE KEVER MEMORY SCAN		
F-1	F-2	F-3

• Spectrum scope screen (p. 55)

AGC MID	-12.5k	SPECTRUM SCOPE	+12.5k
BK-IN OFF	Grid 2.5k 10dB		
1/4 OFF			
SPAN ATT MARKER HOLD SET			

• Voice recorder screen (p. 73)

AGC MID	VOICE RECORDER				
BK-IN OFF	T1	---			
1/4 OFF	T2	---			
	T3	---			
	T4	---			
	TX MEMORY				
T1 T2 T3 T4 T/R					

• Memory channel screen (p. 78)

AGC MID	MEMORY				
BK-IN OFF	99	---			
1/4 OFF	P1	0.500.00	USB	FL2	SCAN EDGE
	P2	29.999.99	USB	FL2	SCAN EDGE
	1	---			
	2	---			
	3	---			
	4	---			
ROLL SET SELECT NAME WIDE					

• Memory keyer screen (CW mode: p. 40)

AGC MID	MEMORY KEVER				
BK-IN OFF	M1	CQ TEST CQ TEST DE ICOM ICOM			
1/4 OFF	M2	UR 5NN001 BK			
	M3	CFM TU			
	M4	QRZ?			
M1 M2 M3 M4 -1					

• Programmed scan screen (VFO mode: p. 84)

AGC MID	SCAN				
BK-IN OFF					
1/4 OFF	ΔF Span : ± 10kHz				
	Programmed P1: 0.500.00MHz				
	scan edges P2: 29.999.99MHz				
PROG ΔF FINE ΔF SPAN SET					

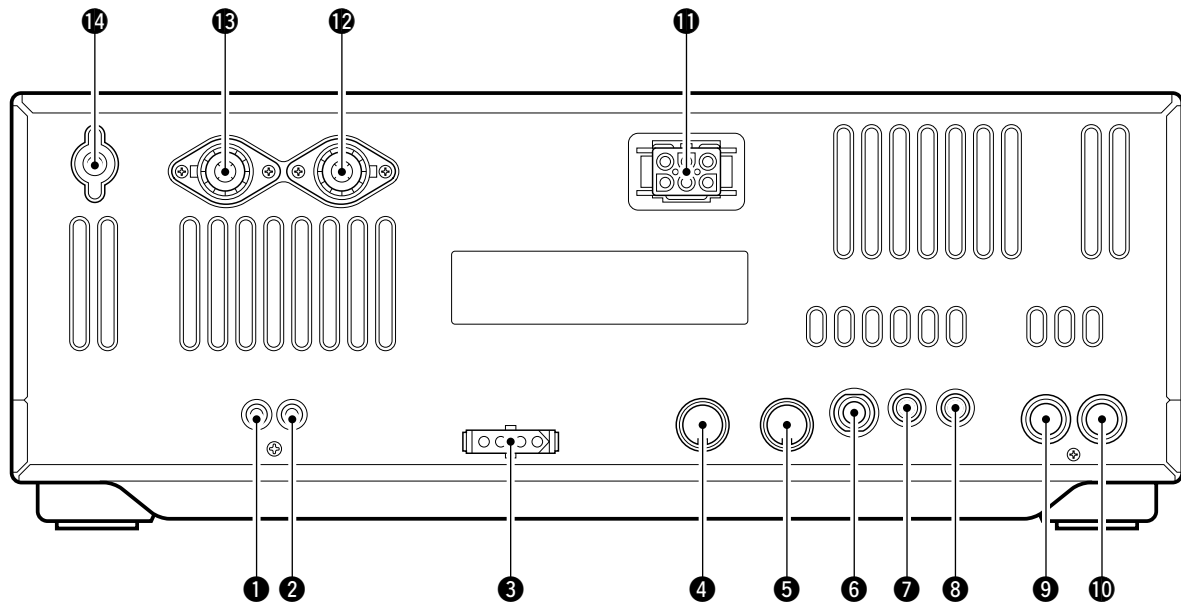
• RTTY decoder screen (RTTY mode: p. 46)

AGC MID	RTTY DECODE				
RTTY FIL ON	**** RTTY Decode Monitor ****				
1/4 OFF	45bps BAUDOT Mark=2125, Shift=170				
	UnShift On Space support (SET-OTHERS)				
	New Line Code selectable (SET-OTHERS)				
	If RTTY-FIL is OFF, Please turn ON.				
	THRESHOLD 9				
<MENU> HLD/CLR TX MEM ADJ WIDE					

• Memory scan screen (Memory mode: p. 85)

AGC MID	SCAN				
BK-IN OFF					
1/4 OFF	ΔF Span : ± 10kHz				
	Programmed P1: 0.500.00MHz				
	scan edges P2: 29.999.99MHz				
MEMO ΔF SELECT ΔF SPAN SET					

1 PANEL DESCRIPTION



1 TRANSVERTER JACK [XVERT] (p. 18)
[ACC(2)]

6 가

2 RECEIVE ANTENNA CONNECTOR [RX ANT]
(p. 15)
RCA 50

3 TUNER CONTROL SOCKET [TUNER] (p. 15)
AH-4 HF/50 MHz AUTOMATIC
ANTENNA TUNER AH-3 HF AUTOMATIC
ANTENNA TUNER

4 ACCESSORY SOCKET 1 [ACC(1)]

5 ACCESSORY SOCKET 2 [ACC(2)]

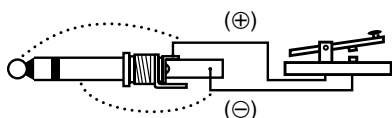
TNC

• See p. 20 for socket information.

6 STRAIGHT KEY JACK [KEY] (p. 14)
¼

[ELEC-KEY]

keyer



가 ON
0.4V

7 CI-V REMOTE CONTROL JACK [REMOTE]
(p. 110)



CT-17 CI-V LEVEL ONVERTER
PC



Icom CI-V
가

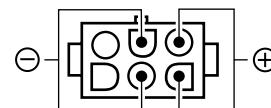
8 EXTERNAL SPEAKER JACK [EXT SP]
(pgs. 15, 116)
4-8 가

9 ALC INPUT JACK [ALC] (p. 17)
ALC

10 SEND CONTROL JACK [SEND] (p. 17)

• : 16 V DC/0.5 A

11 DC POWER SOCKET [DC 13.8V] (p. 16)
DC (OPC-025D)
13.8V DC



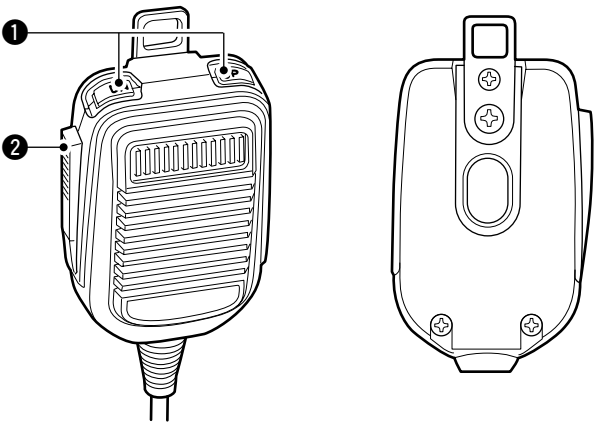
Rear panel view

- 12 ANTENNA CONNECTOR 1 [ANT1]
- 13 ANTENNA CONNECTOR 2 [ANT2] (pgs. 13, 14)
PL - 259 50

||| AH-4 HF/50 MHz AUTOMATIC ANTENNA
TUNER AH-3 HF AUTOMATIC ANTENNA
TUNER , [ANT1]
AH-4 AH-3 [ANT2]
가 [ANT1]

- 14 GROUND TERMINAL [GND] (pgs. 13, 14)
, TVI, BCI

■ (HM - 36)

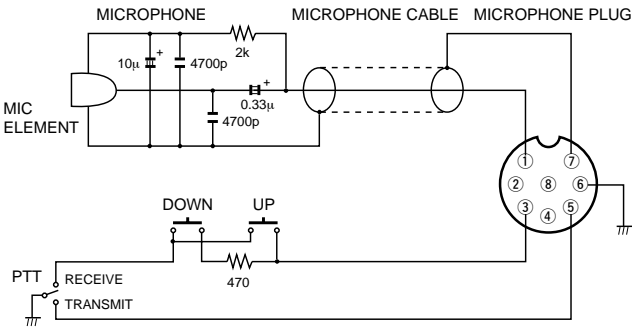


- 1 UP/DOWN SWITCHES [UP]/[DN]

- 가
- [XFC]
- [UP]/[DN] keyer set 가

- 2 PTT SWITCH

• HM-36 SCHEMATIC DIAGRAM



■ Unpacking

IC-756III

50

1.5:1

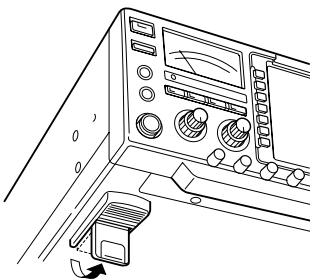
(VSWR)가

1

[ANT1]

TV

2가

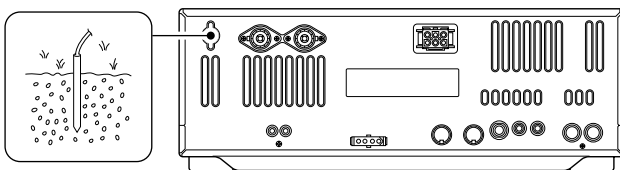


, TV

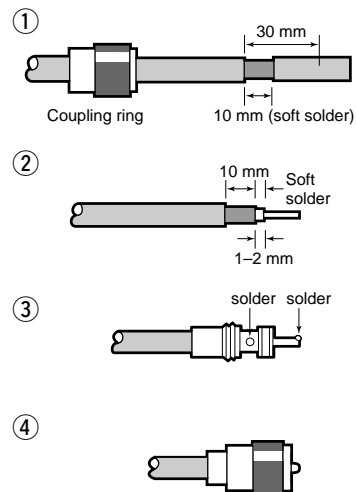
GROUND

GROUND

⚠ WARNING: [GND] 가



PL-259 CONNECTOR INSTALLATION EXAMPLE



30 mm \approx 1 1/8 in 10 mm \approx 3/8 in 1-2 mm \approx 1/16 in

Antenna SWR

SWR 가 SWR
2.0:1

가

SWR가

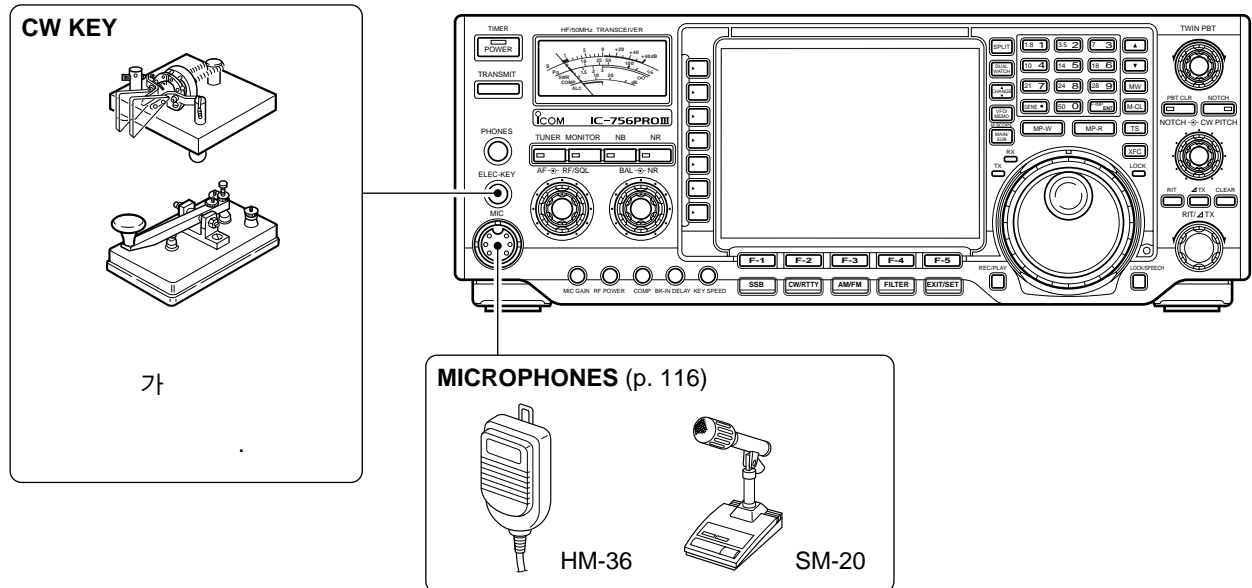
IC-756

SWR

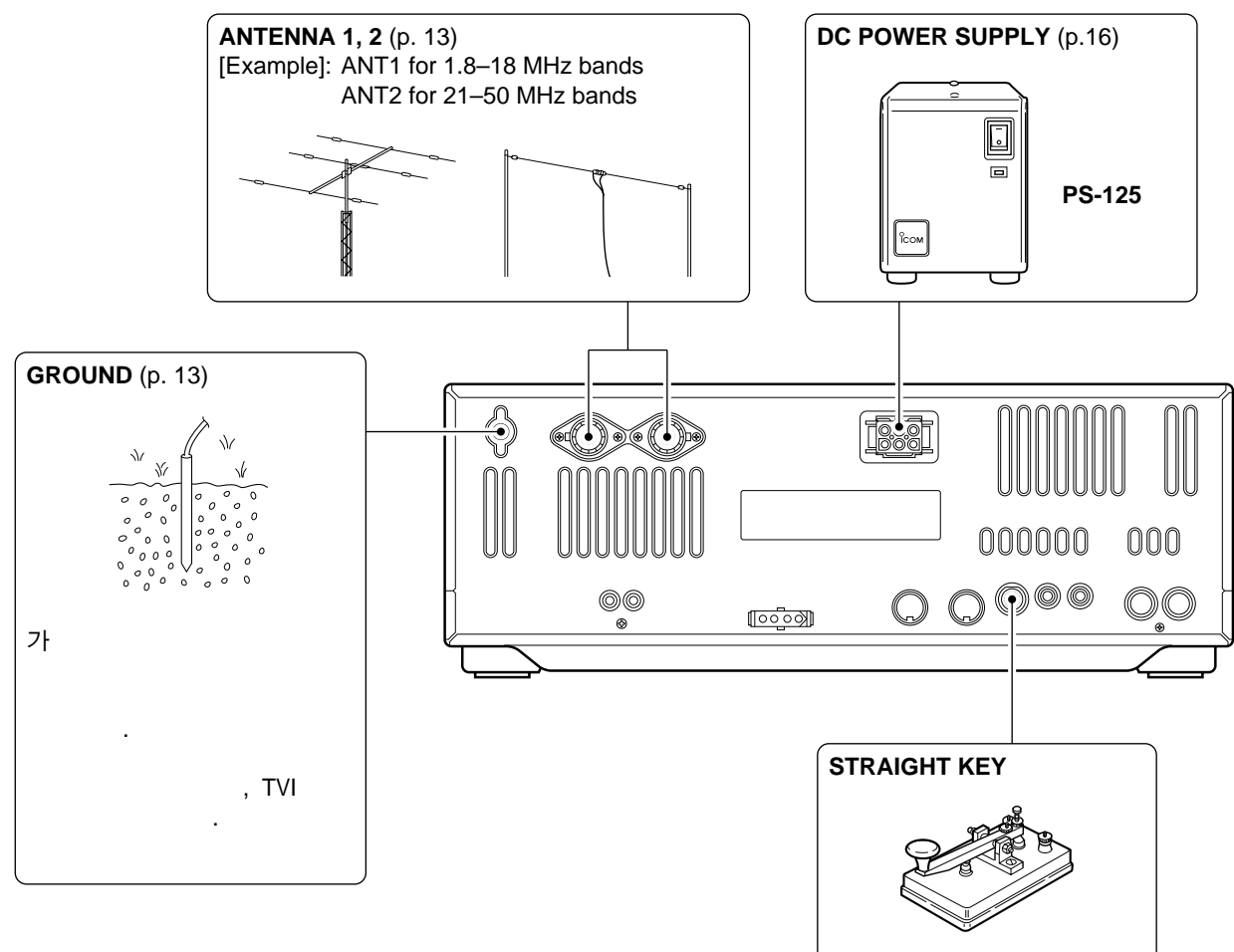
SWR

가

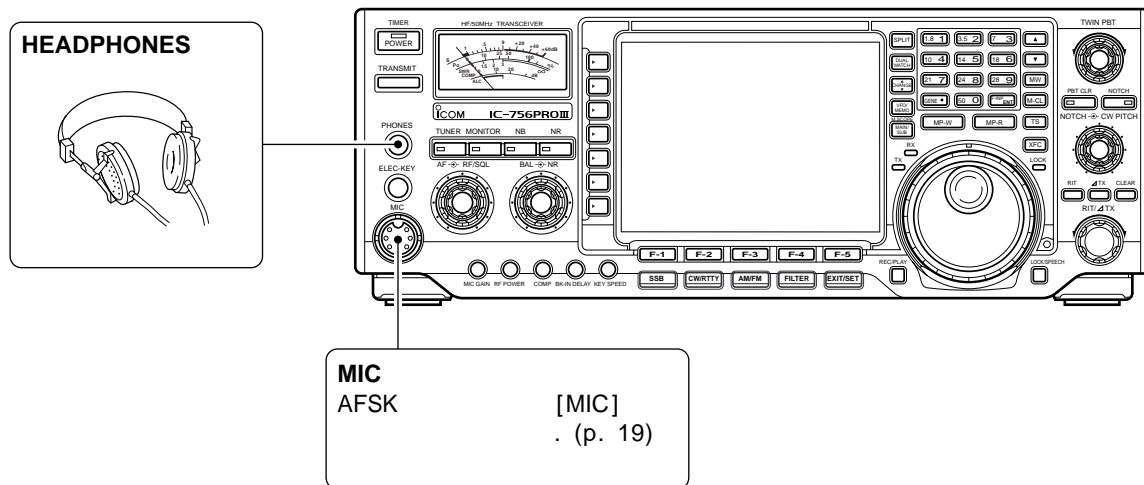
•Front panel



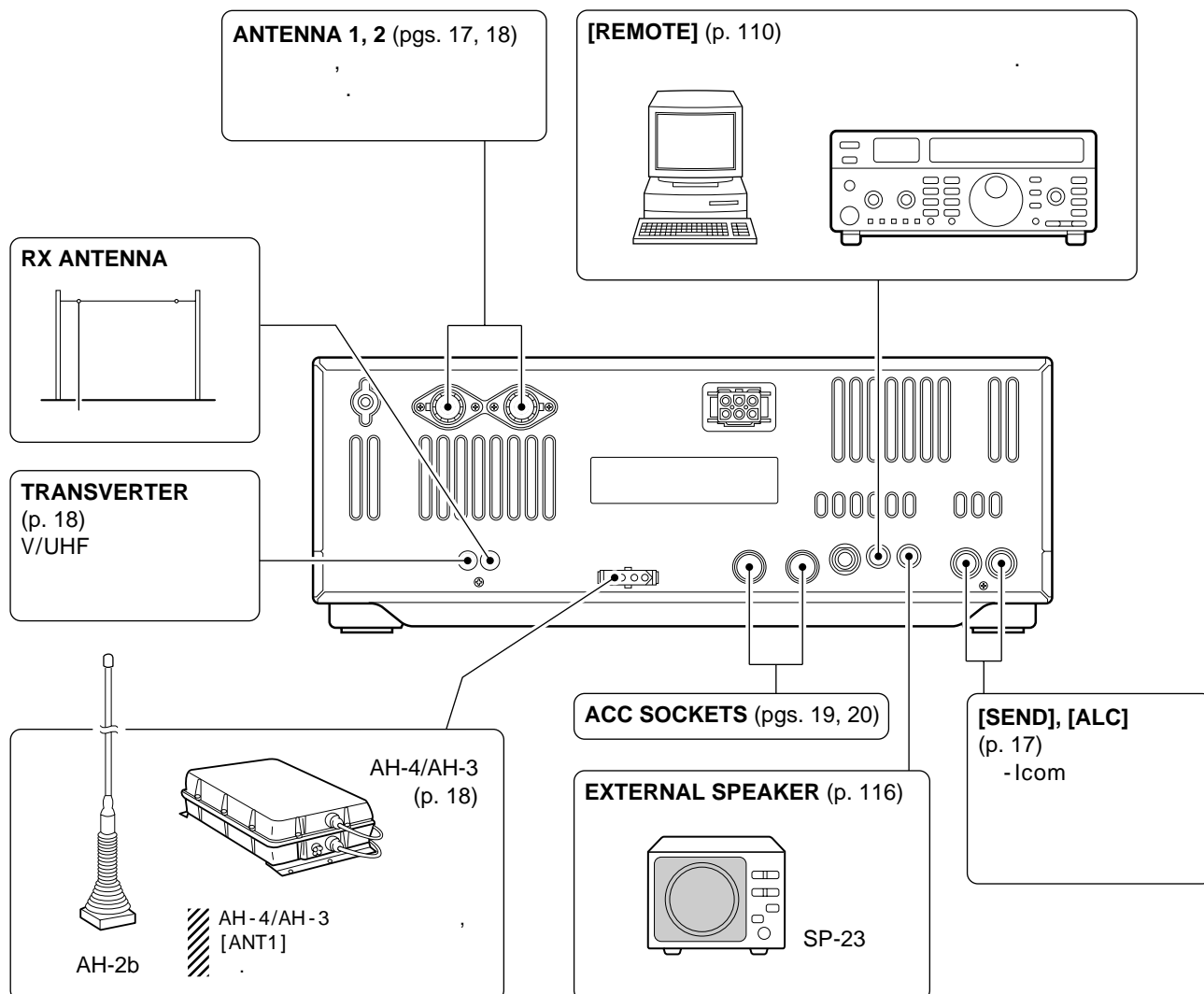
•Rear panel



•Front panel



•Rear panel



AC

DC

25A

CAUTION: DC

[POWER] OFF

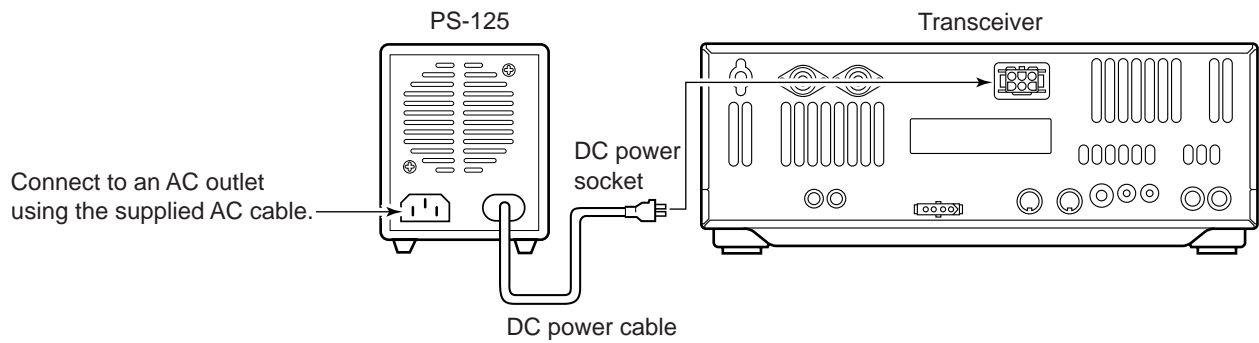
12 - 15V

• DC

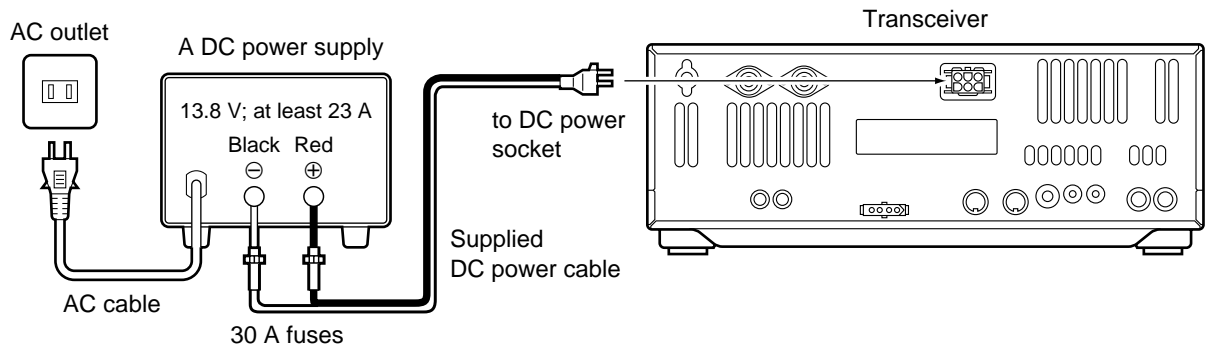
Red : positive ⊕ terminal

Black : negative ⊖ terminal

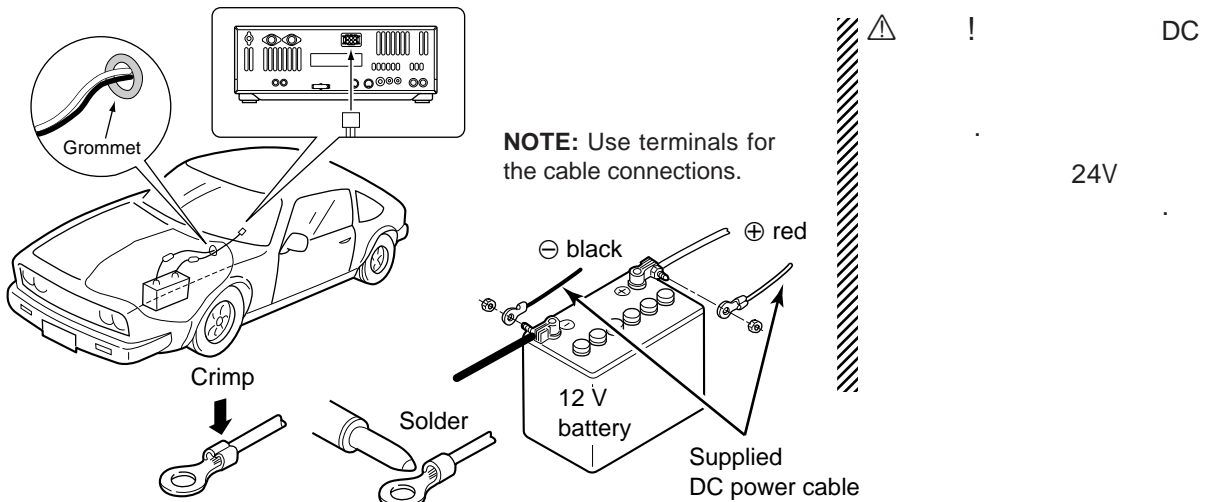
CONNECTING PS-125 DC POWER SUPPLY



CONNECTING A DC POWER SUPPLY

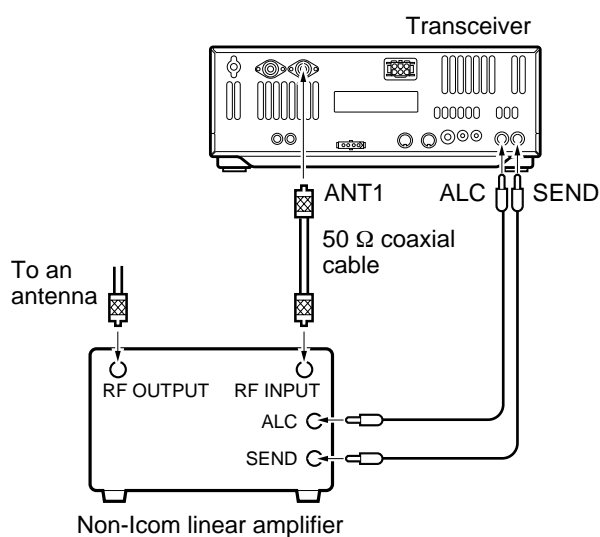
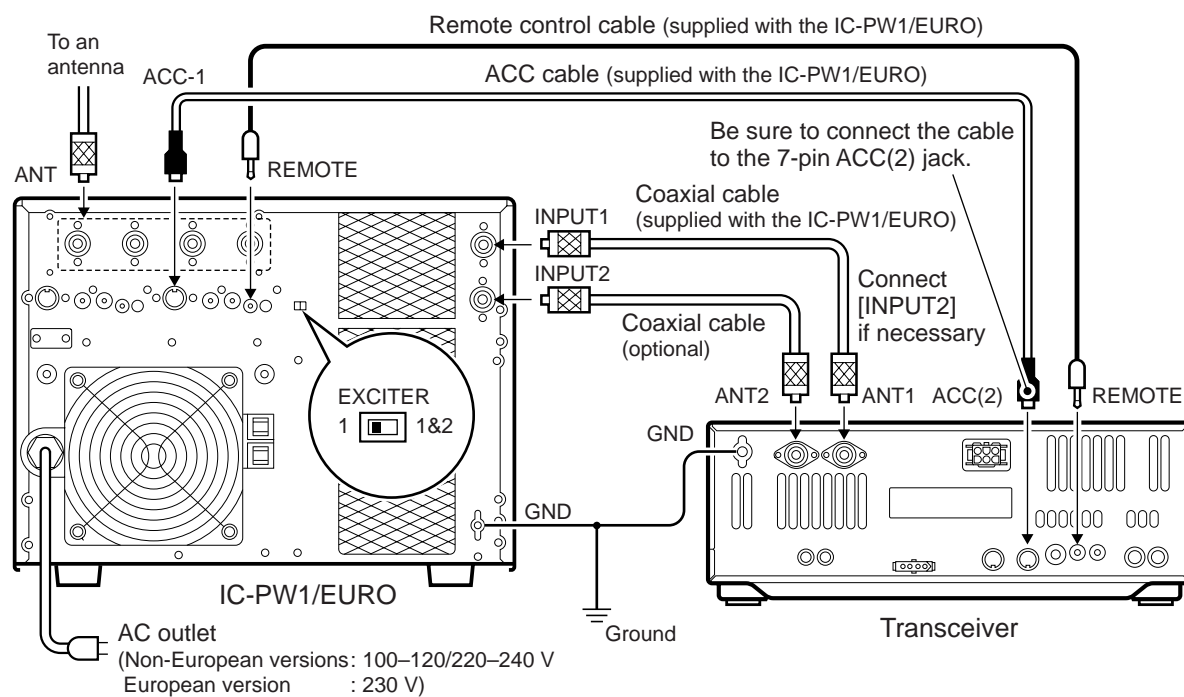


CONNECTING A VEHICLE BATTERY



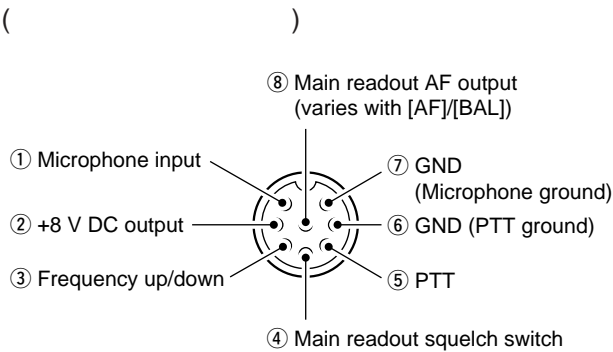
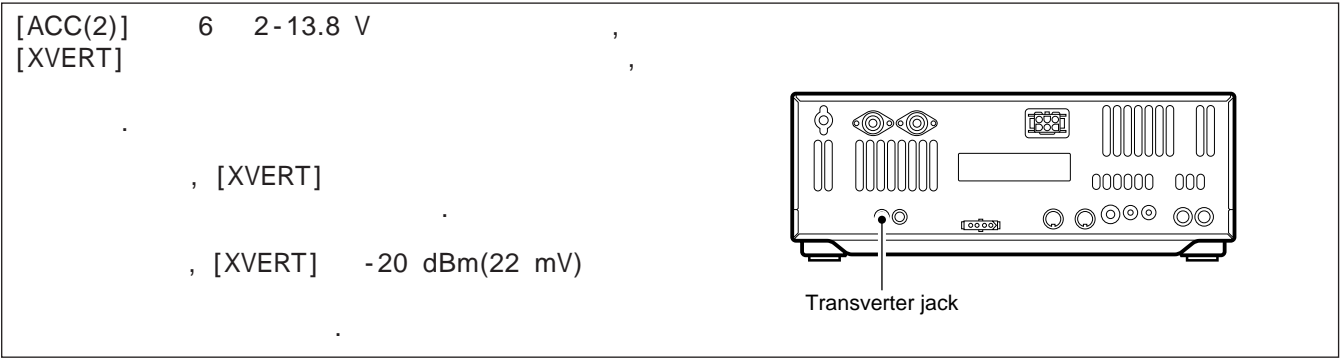
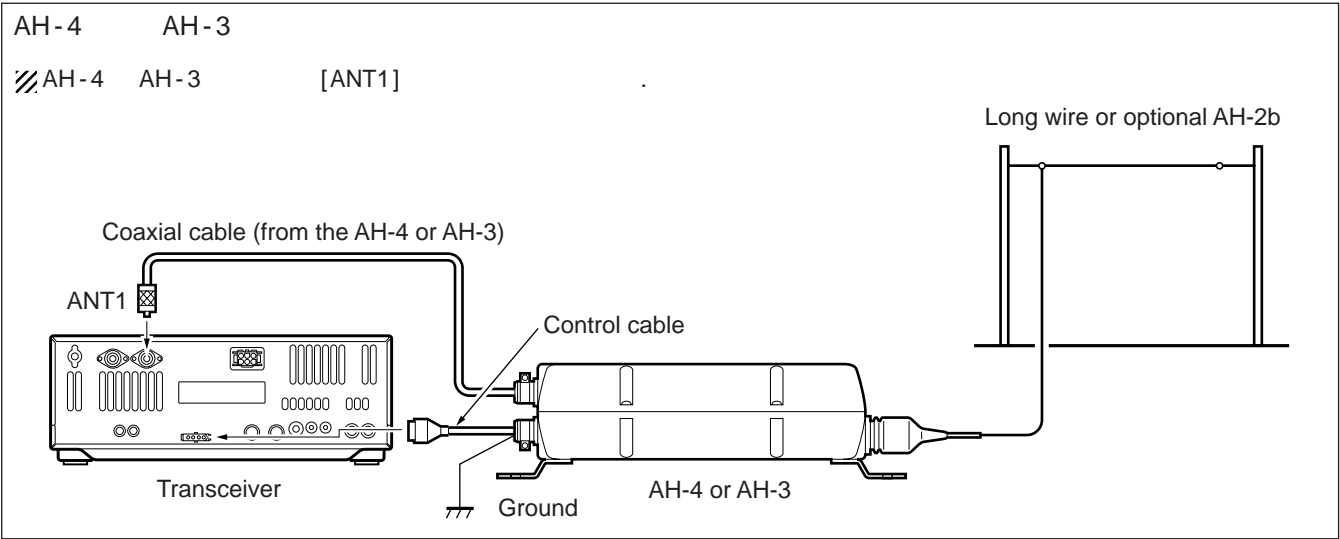
[ANT1]

CONNECTING THE IC-PW1/EURO



⚠ WARNING:

ALC
ALC
ALC RF (+)
SEND
16 V DC 0.5 A
가
가



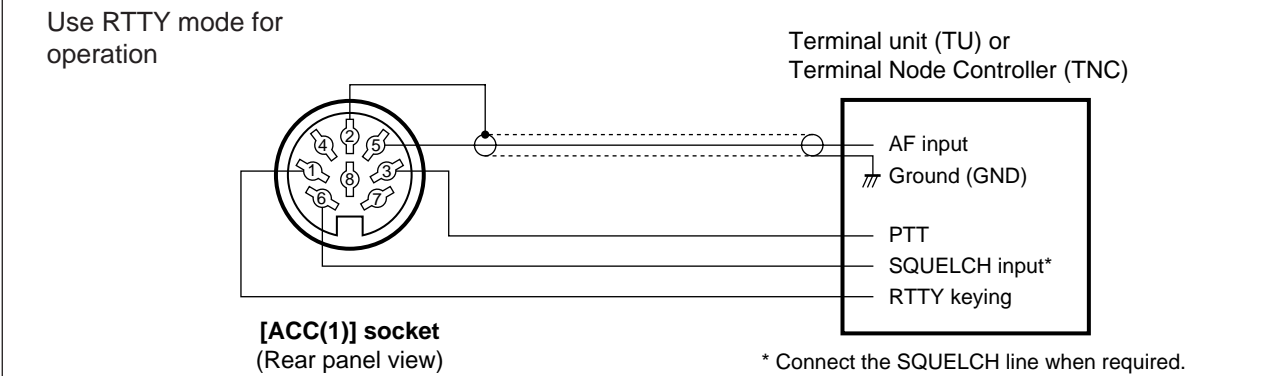
[MIC] Pin No.	FUNCTION	DESCRIPTION
②	+8VDC	10mA
③	up	470
	down	
④		"LOW"
		"HIGH"

NOTE: 8V : 2 가 DC 1

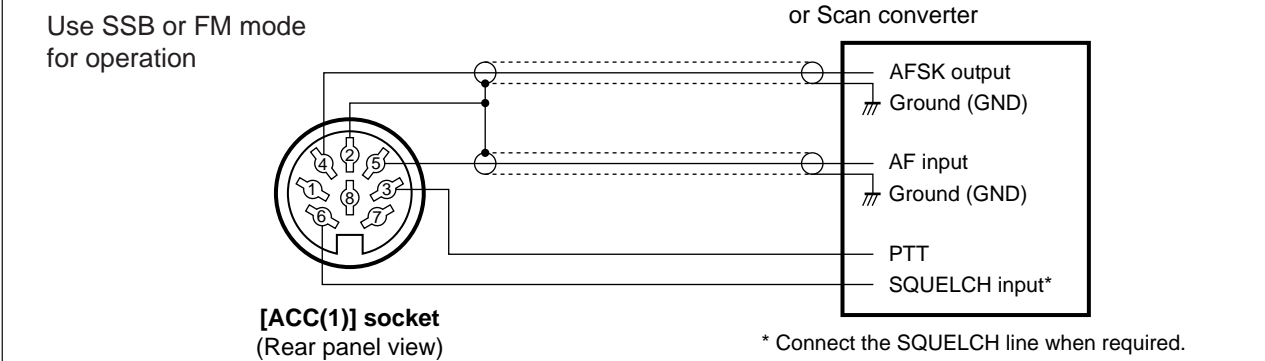
■ FSK AFSK(SSTV)



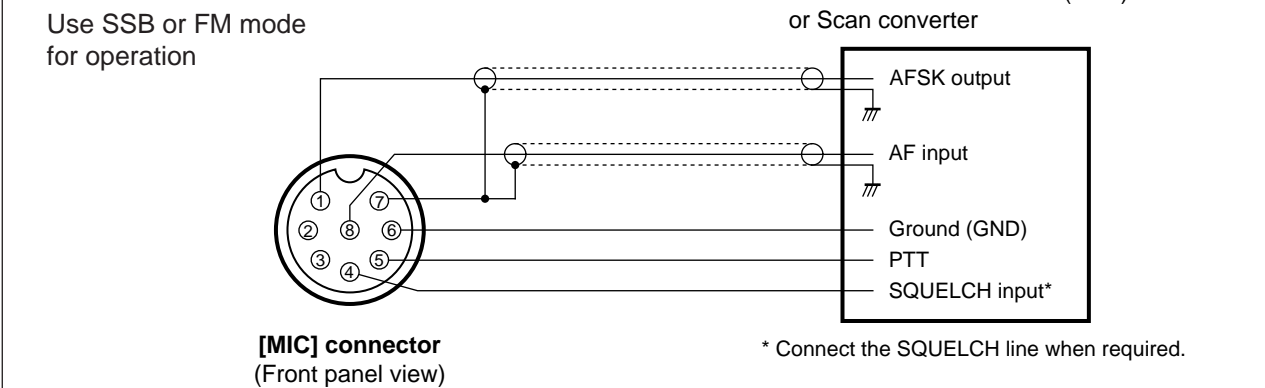
FSK (RTTY) connection

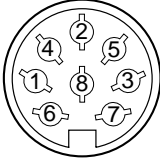


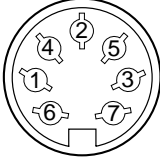
AFSK and SSTV connections




AFSK and SSTV connections via microphone connector



ACC (1)	PIN No.	NAME	DESCRIPTION	SPECIFICATIONS
 <div>Rear panel view</div>	1	RTTY	RTTY	"HIGH" : 2.4V "LOW" : 0.6V : 2mA
	2	GND	.	ACC(2) 2
	3	SEND	/ .	: -0.5V~0.8V : 20 mA (Tx) : 200 mA ACC(2) 3
	4	MOD	.	: 10 kΩ : Approx. 100 mV rms
	5	AF	AF [AF]	: 4.7 kΩ : 100~300 mV rms
	6	SQLS	가 .	: 0.3V/5mA : 6.0V/100uA
	7	13.8 V	가 13.8V .	: 1A ACC(2) 7
	8	ALC	ALC	: -4~0V : 10kΩ ACC(2) 5

ACC (2)	PIN No.	NAME	DESCRIPTION	SPECIFICATIONS
 <div>Rear panel view</div>	1	8 V	8 V	: 8 V 0.3 V Output current : Less than 10 mA
	2	GND		ACC(1) 2
	3	SEND		ACC(1) 3
	4	BAND	(AMATEUR BAND)	: 0 to 8.0 V
	5	ALC		ACC(1) 8
	6	TRV	가 , [XVERT] / .	: 10 kΩ : 2-13.8 V
	7	13.8 V		ACC(1) 7

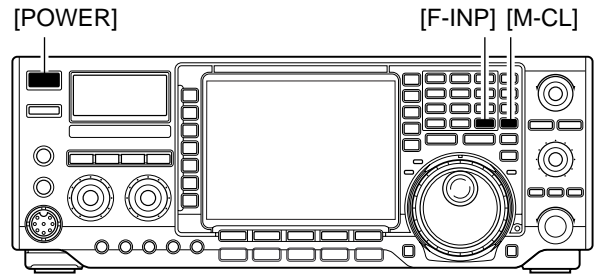
 CW , [AM] CONTROL
CW

가 (CPU)

가



- ① OFF
- ② [M-CL] [(F-INP)ENT] ON
- [POWER] CPU RESET A/D
- DSP 10 가
- VFO

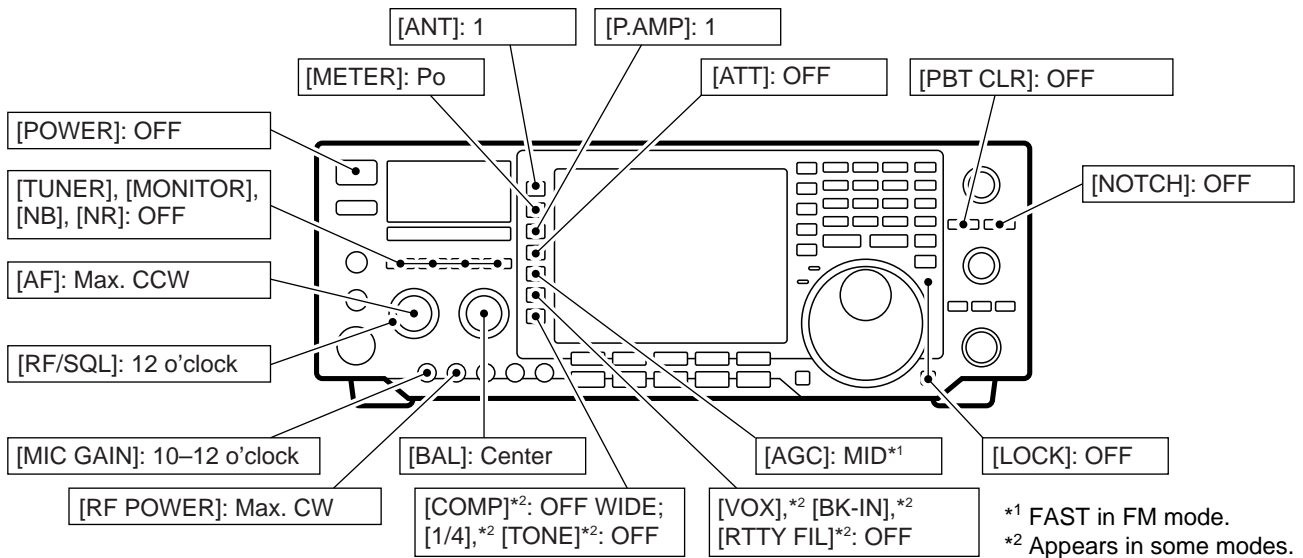


, LCD



③

CW : Max. clockwise
CCW : Max. counterclockwise



ON

가

- Quick tuning step indicator “▼” : Push [TS].
- 1 Hz frequency readout : Push [TS] for 2 sec. (while quick tuning step is OFF)
- RIT indicator “**RIT**” : Push [RIT].
- ΔTX indicator “**ΔTX**” : Push [ΔTX].
- Split indicator “**SPLIT**” : Push [SPLIT].

OFF

- Dualwatch indicator “**DUAL-W**” : Push [DUALWATCH].
- Twin peak filter indicator “**TPF**” : Push [RTTY FIL].
- Auto notch indicator “**AN**” : Push [NOTCH].
- Manual notch indicator “**MN**” : Push [NOTCH].

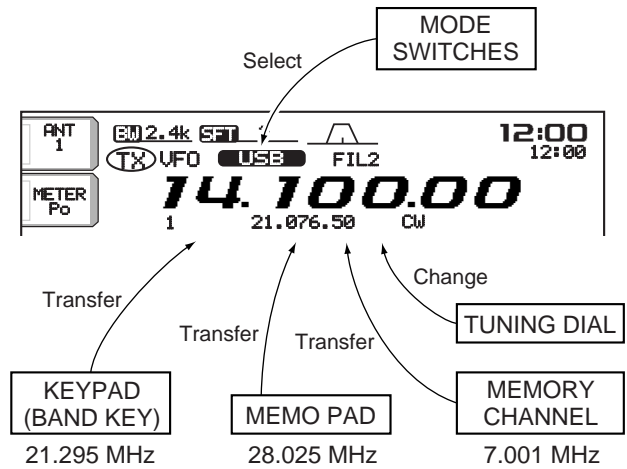
VFO

VFO 가 ,

IC-756III VFO ,

VFO

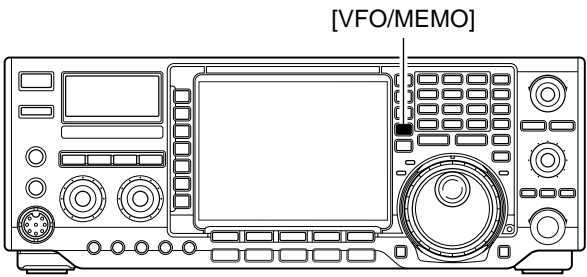
VFO (, [XFC]



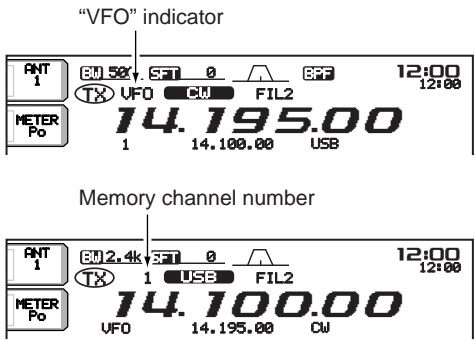
VFO

VFO MODE	MEMORY MODE (pgs. 77-81)
VFO 가 VFO	VFO 가
VFO 가	VFO 가
[EXAMPLE]	[EXAMPLE]
VFO가	1
↓	↓
가	가
↓	↓
가	
↓	↓
VFO가	1
↓	↓
가(14.123 MHz)	(14.123 MHz) (14.100 MHz)가

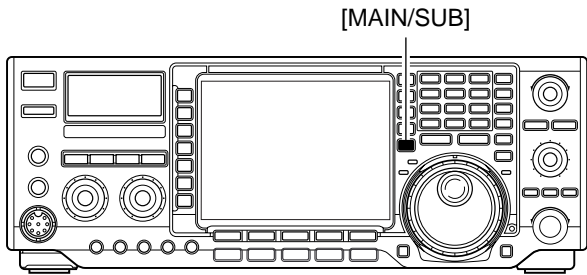
■ VFO/



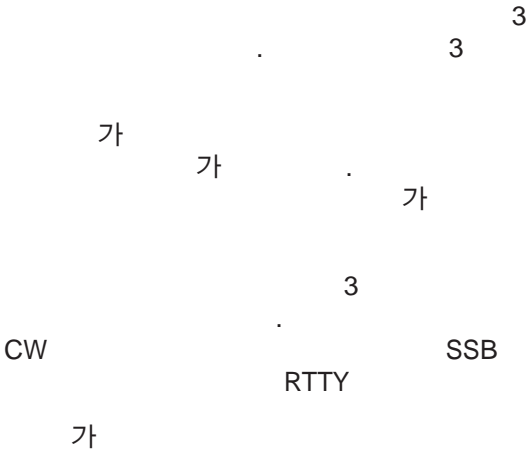
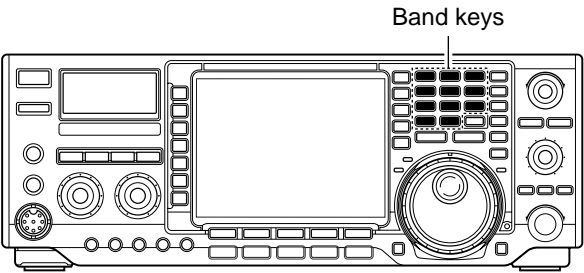
- ➡ [VFO/MEMO] VFO
- VFO “VFO”, 가 가
 - [VFO/MEMO] 1 VFO



■ /



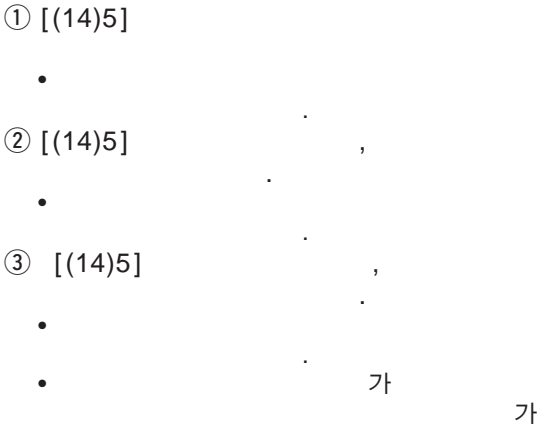
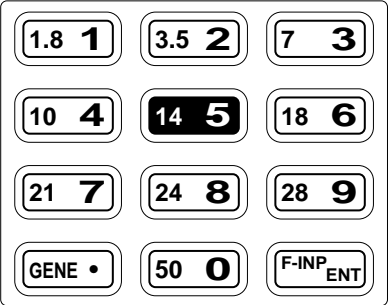
- ➡ [MAIN/SUB]
- 가 split



BAND	REGISTER 1	REGISTER 2	REGISTER 3
1.8 MHz	1.900000 MHz CW	1.910000 MHz CW	1.915000 MHz CW
3.5 MHz	3.550000 MHz LSB	3.560000 MHz LSB	3.580000 MHz LSB
7 MHz	7.050000 MHz LSB	7.060000 MHz LSB	7.020000 MHz CW
10 MHz	10.120000 MHz CW	10.130000 MHz CW	10.140000 MHz CW
14 MHz	14.100000 MHz USB	14.200000 MHz USB	14.050000 MHz CW
18 MHz	18.100000 MHz USB	18.130000 MHz USB	18.150000 MHz USB
21 MHz	21.200000 MHz USB	21.300000 MHz USB	21.050000 MHz CW
24 MHz	24.950000 MHz USB	24.980000 MHz USB	24.900000 MHz CW
28 MHz	28.500000 MHz USB	29.500000 MHz USB	28.100000 MHz CW
50 MHz	50.100000 MHz USB	50.200000 MHz USB	51.000000 MHz FM
General	15.000000 MHz USB	15.100000 MHz USB	15.200000 MHz USB

◇ Using the band stacking registers

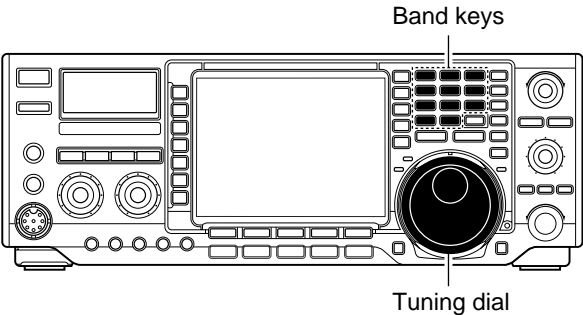
[Example]: 14 MHz band





가





Band keys


Tuning dial

①


1-3

3 가 “

stacking ”)



②

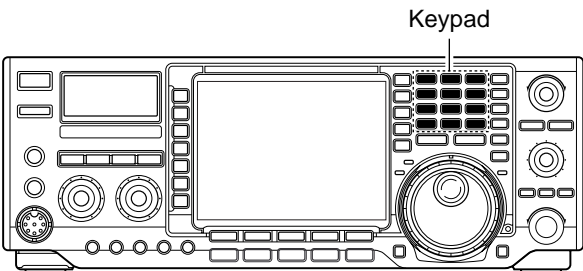


lock

indicator가 [LOCK/SPEECH]



가



Keypad

① [(F-INP)ENT]

• “F-Inp” 가

②

• MHz kHz [(GENE) •]

“ • “ ()

③ [(F-INP)ENT]

• [(F-INP)ENT]

[MAIN/SUB]

[EXAMPLES]

14.025 MHz

F-INP ENT 1 4 • 0 2 5 F-INP ENT

18.0725 MHz

F-INP ENT 1 8 • 0 7 2 5 F-INP ENT

706 kHz F-INP ENT • 7 0 6 F-INP ENT

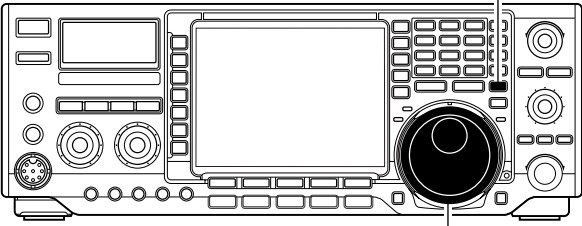
5.100 MHz F-INP ENT 5 • 1 F-INP ENT

7.000 MHz F-INP ENT 7 F-INP ENT

21.280 → 21.245 F-INP ENT • 2 4 5 F-INP ENT



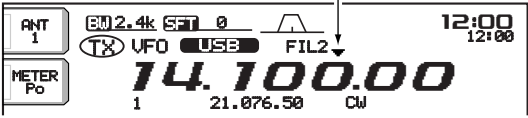
kHz
(0.1, 1, 5, 9, 10, 12.5, 20, 25 kHz 가)



Tuning dial

① [TS]

• "▼" 가 Quick tuning indicator



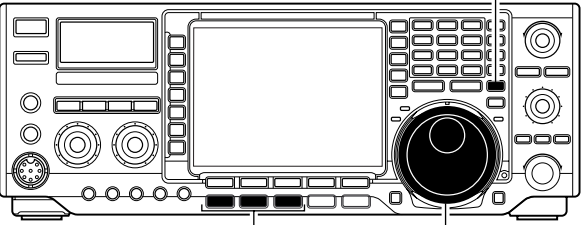
② kHz

③ [TS]

• "▼" 가

④

◆ "kHz"



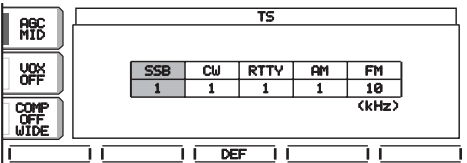
Mode selection Tuning dial

① [TS]

• "▼" 가

② [TS] 1

•



③

④ 0.1,1,5,9,10,12.5,20,25kHz

• 가 [(F-3)DEF] 1

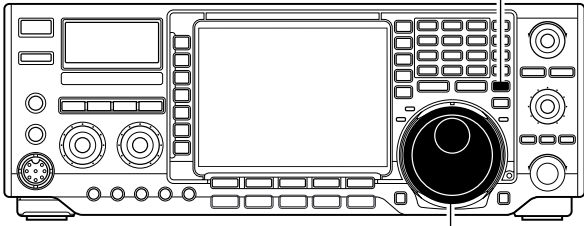
⑤

⑥ [EXIT/SET]

3 BASIC OPERATION

◇ 1 Hz

1Hz



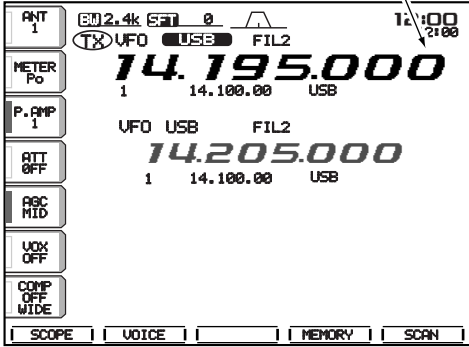
[TS]

Tuning dial

① [TS] tuning step OFF
• “▼”

② 1Hz tuning step ON/OFF
[TS] 1
• RIT / TX 1Hz tuning step
가

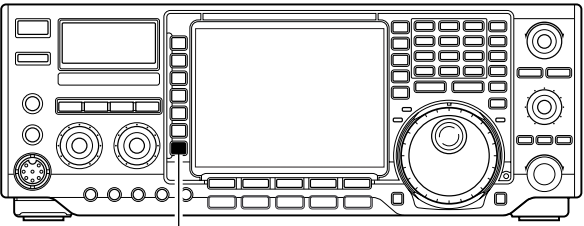
1 Hz step indicator



◇ 1/4 (SSB data/CW/RTTY)

SSB data/CW/RTTY , 1/4
가



1/4



[1/4]

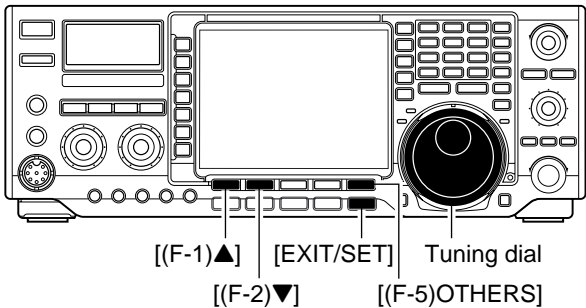
➡ 1/4] 1/4 ON/OFF

1/4 tuning function OFF 1/4 tuning function ON





AM FM
tuning step

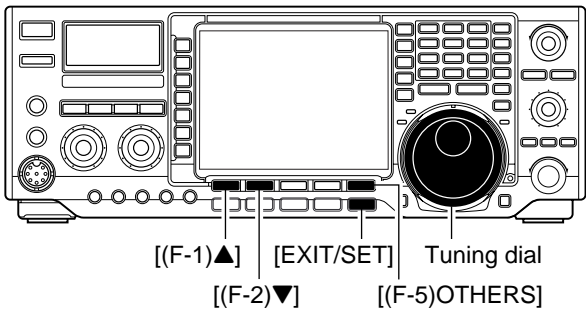


- ① [EXIT/SET]
- ② [EXIT/SET] 1
- ③ [(F-5)OTHERS] " (others)
- ④ [(F-1)▲] [(F-2)▼] " TS"
- ⑤ low, OFF
•High: 5
•Low: 2
•OFF: high
- ⑥ [EXIT/SET]

	OTHERS SET	
AGC MID	MemoPad Numbers	OFF
BK-IN OFF	MAIN DIAL Auto TS	HIGH
1/4 OFF	MIC UP/Down Speed	HIGH
	Quick RIT/dTX Clear	OFF
	SSB/CW Synchronous Tuning	OFF
	CW Normal Side	LSB
	External Keypad	Auto
		DEF WIDE



OFF



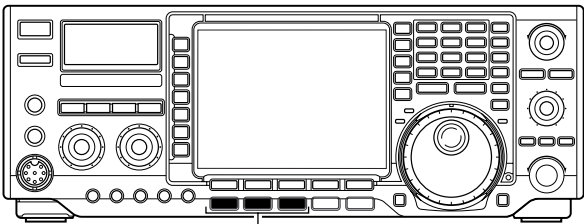
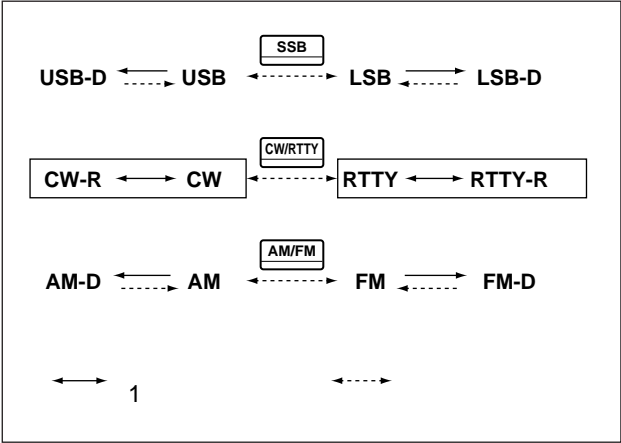
- ① [EXIT/SET]
- ② [EXIT/SET] 1
- ③ [(F-5)OTHERS] 가 (others)
- ④ [(F-1)▲] [(F-2)▼] "Beep()"
- ⑤
- ⑥ [EXIT/SET]

	OTHERS SET	
AGC MID	Beep<Confirmation>	ON
BK-IN OFF	Beep<Band Edge>	ON
1/4 OFF	RF/SQL Control	RF+SQL
	Quick Dualwatch	ON
	Quick SPLIT	ON
	FM SPLIT Offset<HF>	-0.100MHz
	FM SPLIT Offset<50M>	-0.100MHz
		DEF WIDE

IC-756PRO SSB(LSB/USB), SSB
(LSB-D/USB-D), CW, CW (CW-R), RTTY,
RTTY (RTTY-R), AM, AM (AM-D), FM
FM (FM-D)

USB LSB, CW/CW-R, RTTY/RTTY-R, AM
FM
1 CW CW-R, RTTY RTTY-R

가 가



Mode selection

•Selecting SSB mode

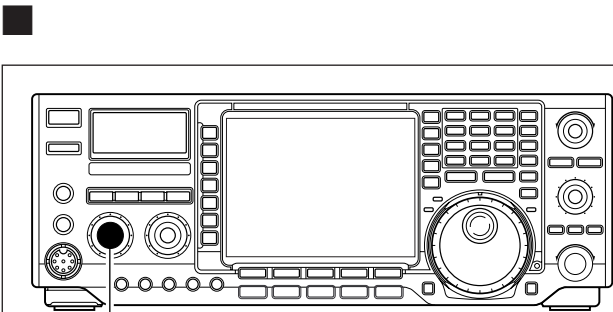
- ➔ [SSB] USB LSB
- 10MHz USB가 LSB가
- USB LSB [SSB]
- USB LSB가 [SSB] 1
- USB-D LSB-D

•CW/RTTY

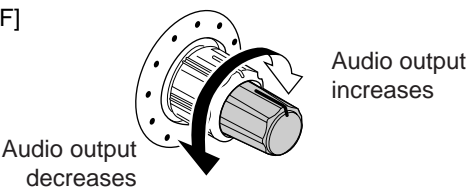
- ➔ [CW/RTTY] CW RTTY
- CW RTTY가 [CW/RTTY]
- CW RTTY [CW/RTTY] 1
- CW RTTY가 RTTY RTTY

•AM/FM

- ➔ [AM/FM] AM FM
- AM FM가 [AM/FM]
- AM FM [AM/FM] 1
- AM-D FM-D



[AF]



➔ [AF] 가

■ (RF)

RF

- FM
- [RF/SQL] 12 1
- “Auto”(SSB, CW,RTTY RF
;AM FM)

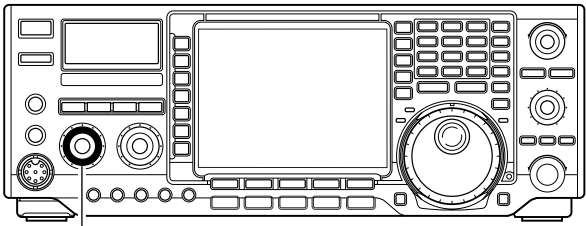
SET MODE	OPERATION
RF+SQL (default)	S-meter AM FM ; S-meter
SQL	• RF
AUTO	SSB, CW, RTTY RF • AM FM • RF

RF ()
 , [RF/SQL] 11
 [RF/SQL] 11

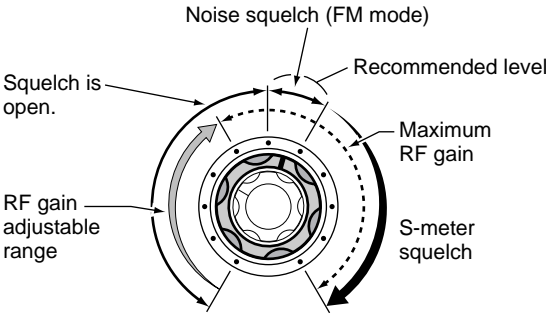
•S-meter

(-)
 [RF/SQL]

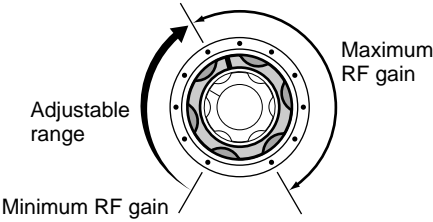
- [RX]
- S- [RF/SQL]



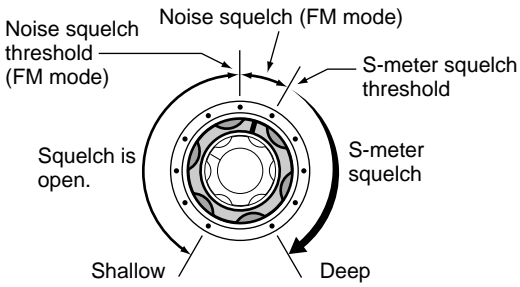
•When setting as RF gain/squelch control



•When functioning as RF gain control
(Squelch is fixed open; SSB, CW, RTTY only)



•When functioning as squelch control
(RF gain is fixed at maximum.)



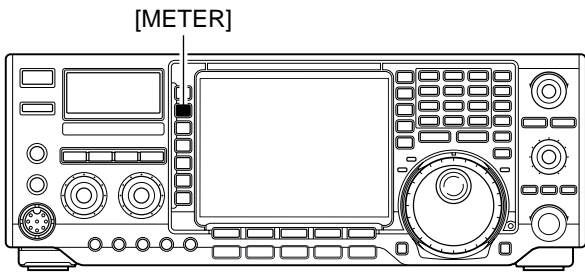
DSP

3 BASIC OPERATION



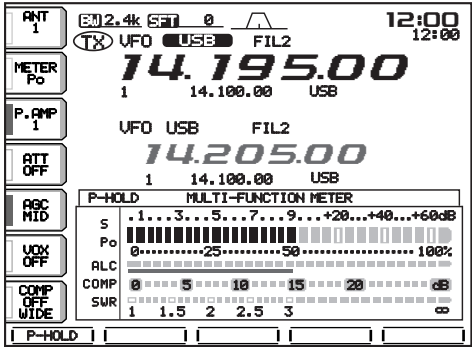
[METER] 4 가 LCD 가

- [METER] RF (Po), SWR, ALC (COMP)



DISPLAY INDICATION	MEASUREMENT
Po	RF %
SWR	line. SWR
ALC	ALC ALC가 RF [MIC GAIN]
COMP	가

- ① [METER] 1
- ② [(F-1)P-HOLD] peak level hold
ON OFF
• peak level hold
"P-HOLD" 가

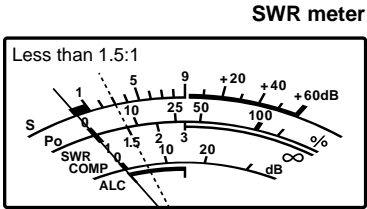


- ③ 1 [EXIT/SET] [METER]

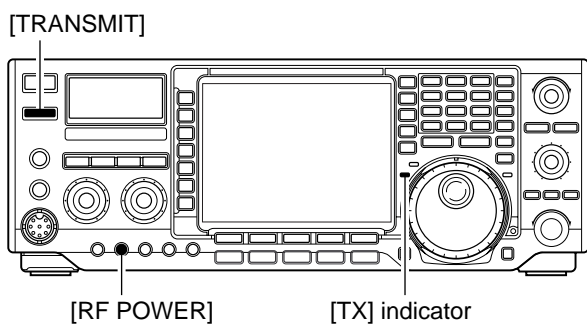
■ SWR reading

SWR
SWR

- ① [TUNER]
- ② [METER] Po
- ③ [CW/RTTY] RTTY
- ④ [TRANSMIT]
- ⑤ [RF POWER] 30W (30%)
- ⑥ [METER] SWR
- ⑦ SWR SWR

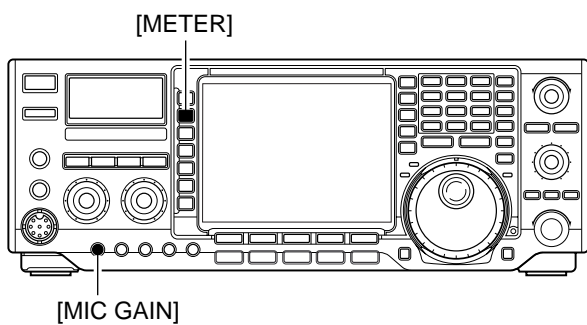
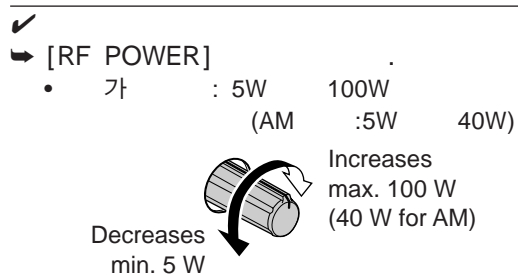


SWR 3:1

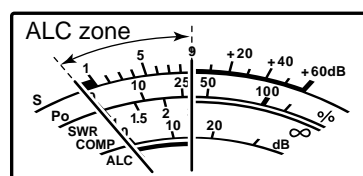


- ① [TRANSMIT] [PTT]()

- ② TX 가 TRANSMIT
PTT()



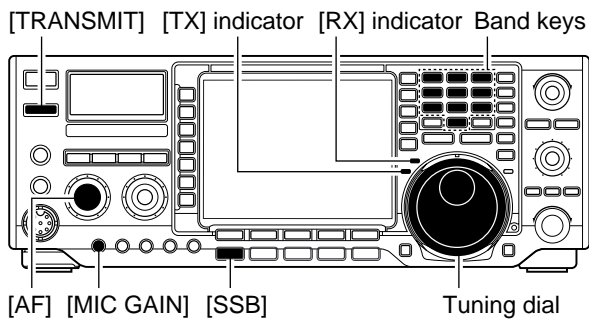
- ① [METER] ALC
② [PTT](())
③ , [MIC GAIN]
ALC ALC
가 .



- ④ 가 [PTT]()

가 LCD 가

SSB



- ①
- ② [SSB] LSB USB
 - "LSB" "USB" 가
 - 10MHz LSB 가
 - 10MHz USB
- ③
 - S- 가 가
- ④ [AF]
- ⑤ [TRANSMIT] [PTT]()
 - TX 가
- ⑥
 - level.
 - [MIC GAIN]
- ⑦ 가 [TRANSMIT]
[PTT]()



•Preamp (p. 57)

- ➔ [P.AMP] OFF, ON
- preamp1 ON preamp2 ON
- preamp 1 preamp 2 가 ON
- "P.AMP1" "P.AMP2" 가
- ()

•Attenuator (p. 57)

- ➔ [ATT] 6 dB
- ON
- ATT ON

•Noise blanker (p. 64)

- ➔ [MB] ON
- OFF
- 가 ON
- ([NB])가
- ➔ [NB] 1 가

- PBT()
- ➔ [TWIN PBT] (/)
- [PBT CLR]

•Noise reduction (p. 65)

- ➔ [NR] ON
- OFF
- [NR] 가 ON
- ([NR])가

•Notch filter (p. 64)

- ➔ [NOTCH] ON OFF
- [NOTCH] ON OFF
- 가 ON
- ([NOTCH])가

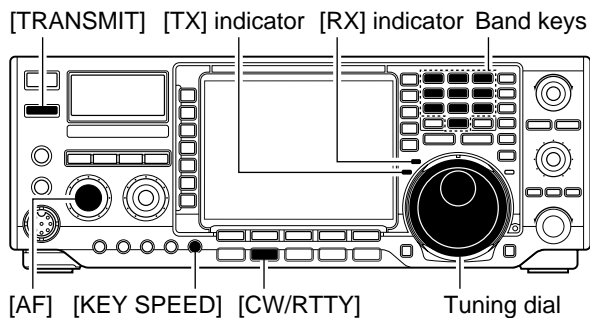
•AGC (auto gain control) (p. 59)

- ➔ [AGC] AGC MID AGC SLOW AGC FAST,
- ➔ [AGC] 1 AGC
- 가



<ul style="list-style-type: none">•<ul style="list-style-type: none">➡ [COMP] ONOFF• [COMP] 1 wide,middle, narrow•<ul style="list-style-type: none">➡ [MONITOR] ONOFF• ON([MONITOR])가➡ [EXIT/SET] 1 [(F-1)LEVEL]가[(F-1)▲]/[(F-2)▼]	<ul style="list-style-type: none">• •VOX (voice operated transmit) (p. 66)<ul style="list-style-type: none">➡ [VOX] VOX ONOFF• VOX "VOX ON" 가•<ul style="list-style-type: none">➡ [EXIT/SET] 1 [(F-1)LEVEL]가[(F-1)▲]/[(F-2)▼]
---	---

CW



- ①
- ② [CW/RTTY] CW
 • CW 가 [CW/RTTY] 1
 CW CW-R
 • "CW" "CW-R" 가
- ③
 • S- 가
- ④ [AF]
- ⑤ [TRANSMIT]
 • TX 가
- ⑥ CW
 • CW
- ⑦ [KEY SPEED] CW
 • 6-60 WPM 가
- ⑧ 가 [TRANSMIT]



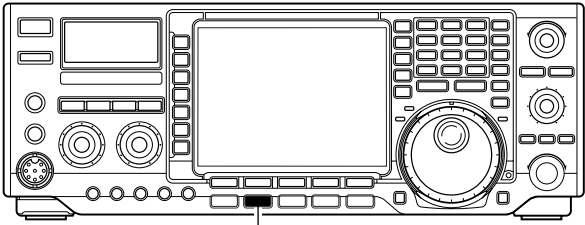
- | | |
|---|--|
| <p>• Preamp (p. 57)</p> <p>➔ [P.AMP] OFF, preamp</p> <p>1 ON preamp 2 ON</p> <p>• preamp 1 preamp 2 가 ON</p> <p>"P.AMP1" "P.AMP2" 가</p> <p>()</p> | <p>• Noise reduction (p. 65)</p> <p>➔ [NR] ON</p> <p>OFF</p> <p>• [NR]</p> <p>• 가 ON</p> <p>([NR])가</p> |
| <p>• Attenuator (p. 57)</p> <p>➔ [MB] ON</p> <p>OFF</p> <p>• 가 ON</p> <p>([NB])가</p> | <p>• Notch filter (p. 64)</p> <p>➔ [NOTCH] ON OFF</p> <p>• [NOTCH]</p> <p>• 가 ON</p> <p>([NOTCH])가</p> |
| <p>• Noise blanker (p. 64)</p> <p>➔ [MB] ON</p> <p>OFF</p> <p>• 가 ON</p> <p>([NB])가</p> <p>➔ [NB] 1</p> <p>가</p> | <p>• AGC (auto gain control) (p. 59)</p> <p>➔ [AGC] AGC FAST,</p> <p>AGC MID AGC SLOW</p> <p>➔ [AGC] 1 AGC</p> <p>가</p> |
| <p>• Twin PBT (passband tuning) (p. 60)</p> <p>➔ [TWIN PBT] (/)</p> <p>[PBT CLR]</p> | <p>• 1/4 function (p. 27)</p> <p>➔ [1/4] 1/4</p> |



•Break-in function (p. 67)
➡ [BK-IN] - OFF, semi

- semi - full
- ON "BK-IN FULL" 가
- full "BK-IN SEMI"

◇CW



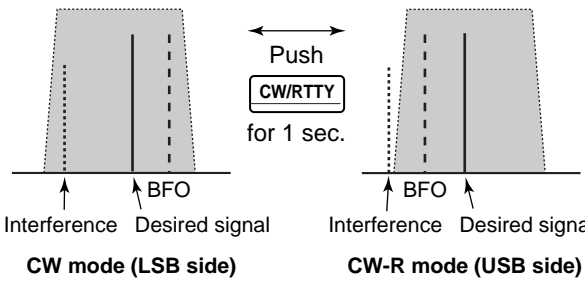
[CW/RTTY]

CW-R(CW) LSB USB 가 CW

가 가

① [CW/RTTY] CW

② [CW/RTTY] 1 CW CW-R



Interference Desired signal BFO

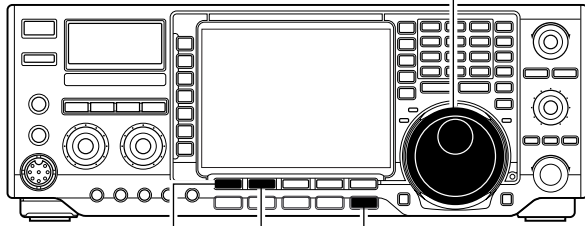
CW mode (LSB side)

Interference Desired signal BFO

CW-R mode (USB side)

Push [CW/RTTY] for 1 sec.

◇CW



Tuning dial

[(F-1)▲] [(F-2)▼] [EXIT/SET]

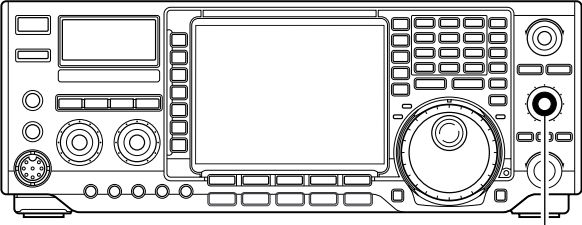
가 (

- CW)

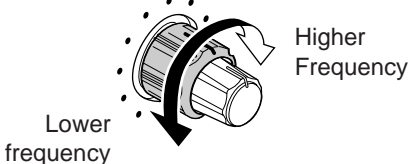
➡ [EXIT/SET] 1 [(F-1)LEVEL] 가 가

[(F-1)▲]/[(F-2)▼]

◇CW



[CW PITCH]



CW

900Hz 25Hz)

→ [CW PITCH]

• 300 900Hz 25Hz 가

|||||


CW

AGC
MID

BK-IN
OFF

1/4
OFF

FILTER



450 700 950

PBT1

PBT2

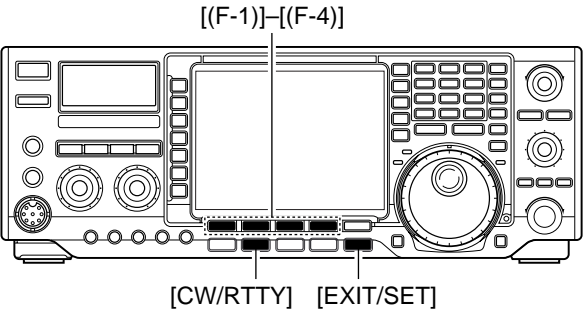
CW

FIL1	1.2k
FIL2	500
FIL3	250

BW

DEF

CW

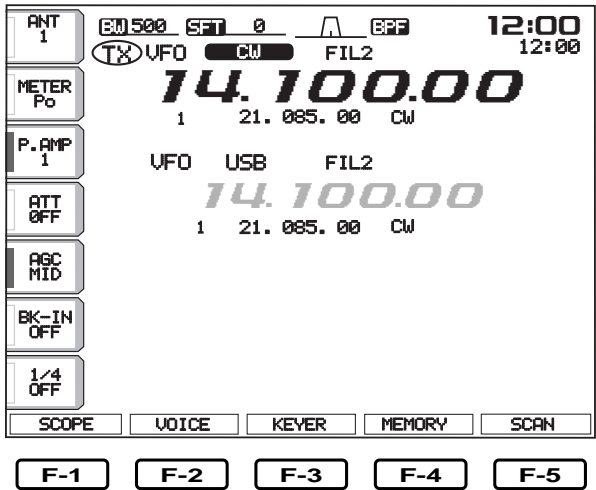


IC-756PRO

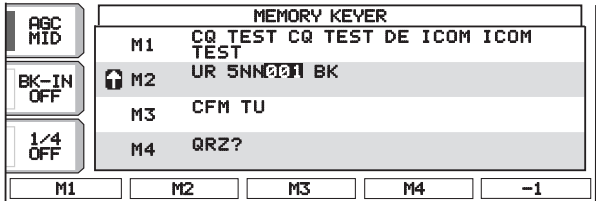
가

- ① [EXIT/SET]
- ② [CW/RTTY]
- ③ [(F-3)KEYER] [EXIT/SET]
- ④ - ((F-1) (F-4))

•[EXIT/SET] 가



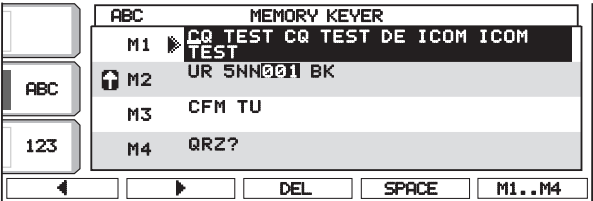
• Memory keyer send screen



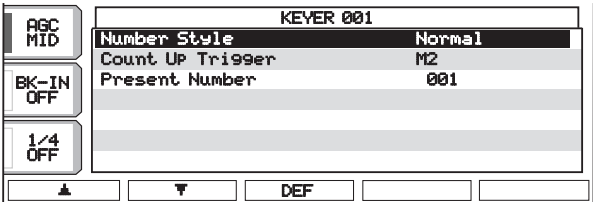
• Memory keyer menu screen



• Memory keyer edit screen



• Contest number set mode

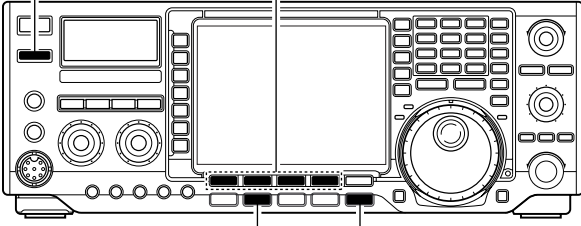


• Keyer set mode screen





[TRANSMIT] [(F-1)M1]–[(F-4)M4]



[CW/RTTY] [EXIT/SET]

REC MTD	MEMORY KEVER			
BK-IN OFF	M1 CQ TEST CQ TEST DE ICOM ICOM TEST			
1/4 OFF	M2 UR 5NN001 BK			
	M3 CFM TU			
	M4 QRZ?			
M1	M2	M3	M4	-1

•Transmitting

① [EXIT/SET]

② [CW/RTTY] CW

③ [(F-3)KEYER]

④ [TRANSMIT] ON

⑤ [(F-1)M1] - [(F-4)M4]

1

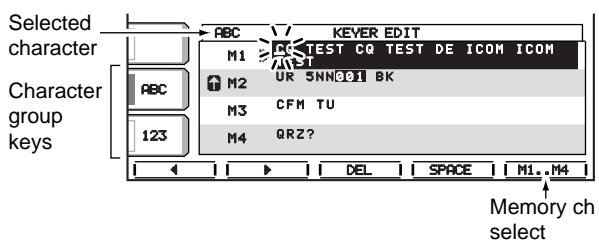
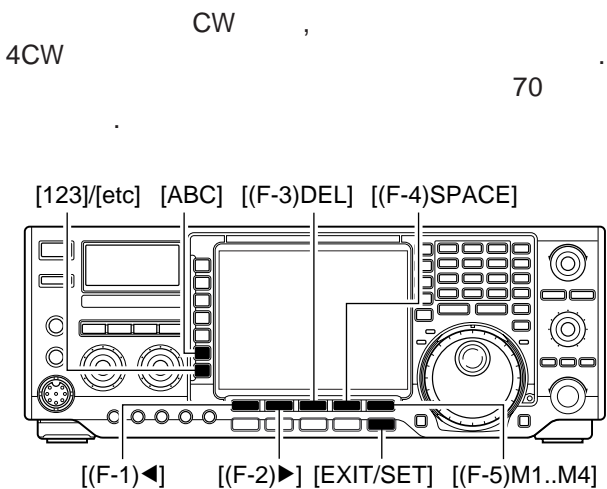
- “M1” - “M4”가
- " " 가
- 1 60
- (1)
- [(F-5) - 1]

For your information

가 [MIC] 3 7

M1 - M4

⑥ [EXIT/SET]



• Pre-programmed contents

CH	Contents
M1	CQ TEST CQ TEST DE ICOM ICOM TEST
M2	UR 5NN* BK
M3	CFM TU
M4	QRZ?

- ① [EXIT/SET]
- ② [CW/RTTY]
- ③ [(F-3)KEYER] [EXIT/SET]
- ④ [(F-2)EDIT]
- ⑤ [(F-5)M1...M4]
- ⑥ ([ABC],[123] [etc])

- "123" [123]
- [etc] 가
- 가 ()

Key selection	Editable characters
ABC	A to Z (capital letters)
123	0 to 9 (numbers)
etc	/ ? ^ . , @ *

NOTE:

AR " ^ 가 ^ AR
" ^
AR
CW
가
M2 " * "

- ⑦ [(F-1)◀] [(F-2)▶]
- [(F-3)DEL]
- [(F-4)SPACE]
- " " 가 .)
- ⑧ 7
- ⑨ [(F-5)M1..M4] 7
- ⑩ [EXIT/SET]

() count up trigger • ()

가

9999

CW

[EXIT/SET]

① [EXIT/SET]

② [CW/RTTY]

③ [(F-3)KEYER]

④ [(F-3)001]

⑤ [(F-1)▲] [(F-2)▼]

1

⑥ [EXIT/SET]

[(F-3)DEF]

[(F-3)DEL]

[(F-1)▲] [(F-2)▼] [EXIT/SET]

REC MID	KEYER 001	
BK-IN OFF	Number Style	Normal
1/4 OFF	Count UP Trigger	M2
	Present Number	001

▲ ▼ DEF

Number Style (Number style)

()	Normal	:	()
-	190→ANO	: 1 A 9 N 0 O	
	190→ANT	: 1 A 9 N 0 T	
	90→ NT	: 9 N 0 O	
	90→ NT	: 9 N 0 T	

Count UP Trigger (Count up trigger)

가	•M1, M2, M3, M4	(:M2)
trigger	count up	
가	가	

Present Number (Present number)

count up trigger	•	
	[(F-3)001CLR] 1	001



- ① [EXIT/SET]
- ② [CW/RTTY] CW
- ③ [(F-3)KEYER] [EXIT/SET]
- ④ [(F-4)CW KEY]
- ⑤ [(F-1)▲] [(F-2)▼]
- ⑥ [(F-3)DEF]
- ⑦ [EXIT/SET]

ASC MID	KEYER CW-KEY
BK-IN OFF	Keyer Repeat Time 2s
1/4 OFF	Dot/Dash Ratio 1:1:3.0
	Rise Time 4ms
	Paddle Polarity Normal
	Keyer Type ELEC-KEY
	MIC UP/Down Keyer OFF

Keyer Repeat Time

(Keyer repeat time)

CW

- 1 60 1 [(F-3)DEF] 1
- (: 2)

Dot/Dash Ratio (Dot/Dash ratio)

This item sets the dot/dash ratio.

Keying weight example: Morse code "K"

Weight setting: 1:1:3 (default)

Weight setting: Adjusted

*SPACE DOT [KEY SPEED]

- 1:1:2.8 1:1:4.5
- CW
- 1:1:3.0 [(F-3)DEF] 1

◇

Rise Time ()

Rise Time (Rise time)

•2,4,6,8 msec

•

[(F-3)DEF] 1

.(:4)

• About rise time

Key action

Tx

Rx

Tx output power

0

Rise time

Time

Set Tx power level

Paddle Polarity (Paddle polarity)

•

•

[(F-3)DEF] 1

.(:)

Keyer Type (Keyer type)

[ELEC-KEY]

•ELEC-KEY, BUG-KEY,

•

[(F-3)DEF] 1

.(: ELEC-KEY)

MIC UP/Down Keyer

(Microphone's [UP]/[DN] switches keyer)

[UP]/[DN]

•ON : CW [UP]/[DOWN]

•OFF: CW [UP]/[DOWN]

•

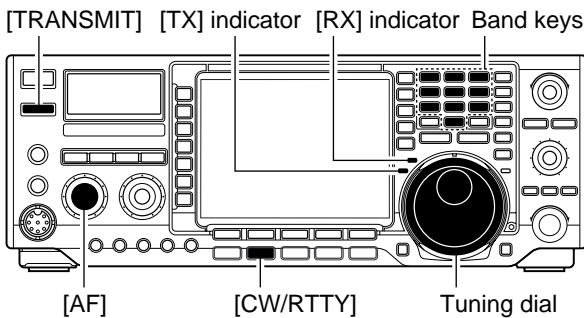
[(F-3)DEF] 1

.(: OFF)

: "ON"

[UP]/[DN]

■ RTTY (FSK)



- RTTY TNC
RTTY TNC
- ①
 - ② [CW/RTTY] RTTY
• RTTY 가 [CW/RTTY] 1
RTTY RTTY-R
• "RTTY" "RTTY-R" 가
 - ③ [(F-3)DECODE]
• IC-756PROIII Baudot 가
 - ④
• 가 S- 가
 - ⑤ [TRANSMIT]
• TX 가
 - ⑥ PC
•
• [F-1] [F-4] TX
 - ⑦ 가 [TRANSMIT]

4



- **Preamp** (p. 57)
 - ➔ P.AMP] OFF,
 - preamp 1ON preamp 2 ON
 - preamp 1 preamp 2 가 ON
 - "P.AMP1" "P.AMP2" 가
 - ()
- **Attenuator** (p. 57)
 - ➔ [ATT] 6dB
 - 가 on "ATT"
- **Noise blanker** (p. 64)
 - ➔ [MB] ON
 - OFF
 - 가 ON
 - ([NB])가
 - ➔ [NB] 1 가
- **Twin PBT (passband tuning)** (p. 60)
 - ➔ [TWIN PBT] (/)
 - [PBT CLR]
- **Noise reduction** (p. 65)
 - ➔ [NR] ON
 - OFF
 - [NR]
 - 가 ON
 - ([NR])가
- **AGC (auto gain control)** (p. 59)
 - ➔ [AGC] AGC FAST,
 - AGC MID AGC SLOW
 - ➔ [AGC] 1 AGC
 - 가
 -
- **1/4 function** (p. 27)
 - ➔ [1/4] 1/4

◇RTTY

가

가 MARK SPACE

① [CW/RTTY]
RTTY

② [CW/RTTY] 1 RTTY RTTY-R

TNC , ,

RTTY
RTTY-R(RTTY)

Normal

Reverse

170 Hz 2125 Hz

2125 Hz 170 Hz

Space Mark BFO

BFO Space Mark

◇RTTY /

IF 가 5 RTTY
350Hz,250Hz 1kHz,500Hz,
RTTY 가 RTTY

RTTY
2 (2125
2295Hz)

① [CW/RTTY]
RTTY

② [RTTY FIL] RTTY ON
가 "TPF" 가

•RTTY filter selection

① [EXIT/SET]

② RTTY

③ [RTTY FIL] 1 RTTY
가

④ [(F-1)▲]

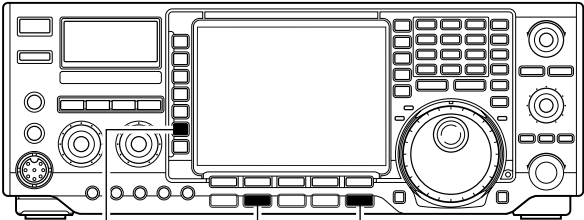
⑤ RTTY 1kHz,
500Hz, 350Hz, 300Hz, 250Hz

[(F-3)DEF] 1

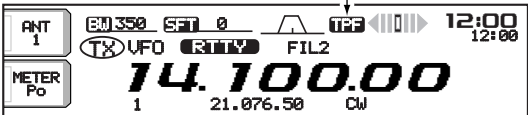
⑥ [(F-2)▼]
가

⑦ ON OFF

⑧ [EXIT/SET] RTTY



TPF indicator



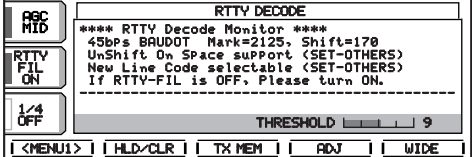
◆RTTY

Baudot(:2125Hz, RTTY 가
:170Hz,45bps) 가
(TU)
(TNC) Baudot

① [EXIT/SET]

② [CW/RTTY] RTTY
③ [(F-3)DECODE] RTTY ON

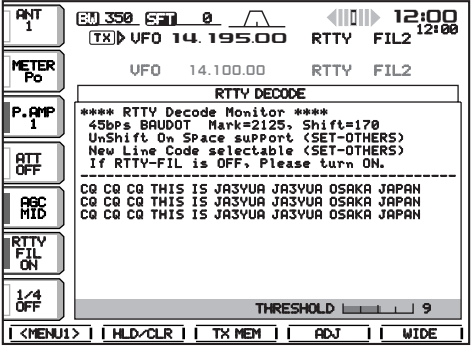
•RTTY



④ RTTY 가 OFF [RTTY FIL]
ON
•RTTY RTTY 가 OFF

⑤ [(F-2)HOLD/CLR]
“HOLD” 가

⑥ [(F-5)WIDE]



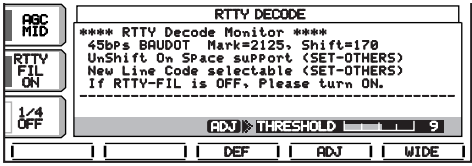
⑦ [(F-2)HOLD
/CLR] 1

⑧ [EXIT/SET] RTTY

4

◆ Setting the decoder threshold level

가 RTTY



① RTTY

② [(F-4)ADJ]

③ RTTY
•[(F-3)DEF] 1

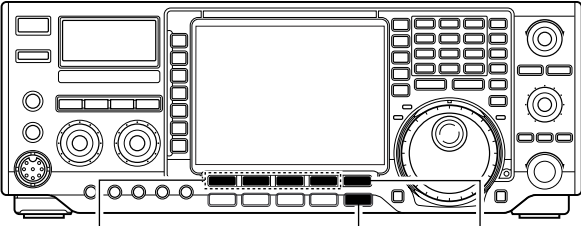
④ [EXIT/SET] RTTY

UnShift On Space(USOS)
RTTY

◇RTTY memory transmission

RTTY

가



[(F-1)RT1]–[(F-4)RT4] [EXIT/SET] [(F-5)1-4/5-8]
[(F-1)RT5]–[(F-4)RT8]

①

[EXIT/SET]

② [CW/RTTY]

RTTY

③ [(F-3)DECODE]

RTTY

ON

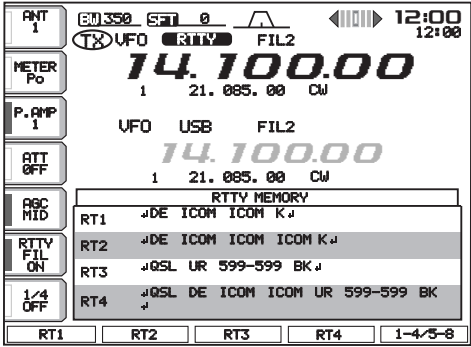
④ [(F-3)TX MEM]

RTTY

⑤ [(F-5)1-4/5-8]

[(F-1)RT1] [(F-4)RT4]

[(F-1)RT5] [(F-4)RT8]



◇RTTY tuning meter

가

RTTY

가

RTTY

가

① [CW/RTTY]

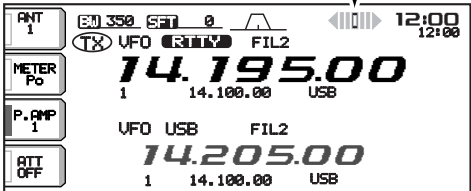
RTTY

② [RTTY FIL]

RTTY

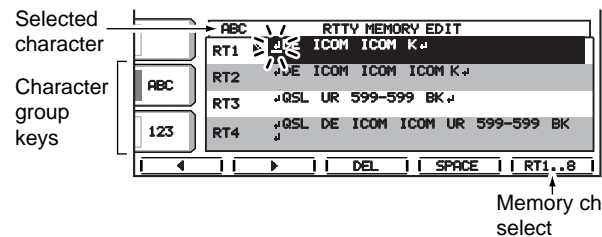
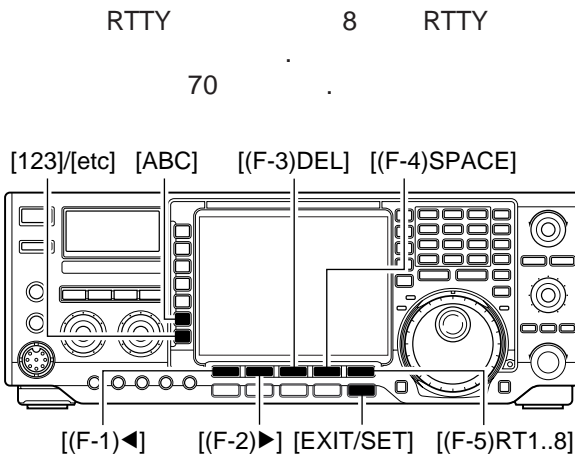
RTTY

RTTY tuning meter



◇ Editing RTTY memory

RTTY



• Pre-programmed contents

CH	Contents
RT1	◀DE ICOM ICOM K▶
RT2	◀DE ICOM ICOM ICOM K▶
RT3	◀QSL UR 599-599 BK▶
RT4	◀QSL DE ICOM ICOM UR 599-599 BK▶
RT5	◀73 GL SK▶
RT6	◀CQ CQ CQ DE ICOM ICOM ICOM K▶
RT7	(blank)
RT8	(blank)

- ① [EXIT/SET]
- ② [CW/RTTY] RTTY
- ③ [(F-3)DECODE] [(F-1)MENU1]
- ④ [(F-2)EDIT] RTTY 2
- ⑤ [(F-5)RT1..8]
- ⑥ ([ABC],[123] [etc])

- 23 [123]
- [etc] 가 ();

Key selection	Editable characters
ABC	A to Z (capital letters)
123	0 to 9 (numbers)
etc	! \$ & ? " ' - / . , ; () ◀

- ⑦
- [(F-1)◀] [(F-2)▶]
- [(F-3)DEL]
- [(F-4)SPACE]
- ⑧ 7
- ⑨ [(F-5)RT1..8] 7
- ⑩ [EXIT/SET] RTTY

◆RTTY decoder set mode

USOS

[(F-3)DEL]

[(F-1)▲] [(F-2)▼] [EXIT/SET]

•Setting the contents

① [EXIT/SET]

② [CW/RTTY] RTTY

③ [(F-3)DECODE] [(F-1)MENU1]

 RTTY 2

④ [(F-4)SET] RTTY

⑤ [(F-1)▲] [(F-2)▼]

⑥

 •[(F-3)DEF] 1

⑦ [EXIT/SET]

RTTY DECODE SET

RTTY Decode USOS ON

RTTY Decode New Line Code CR,LF,CR+LF

RTTY TX USOS ON

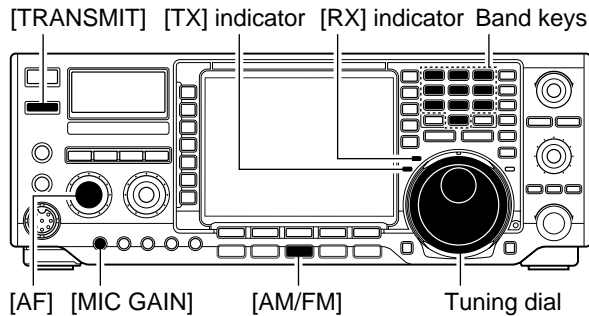
▲ ▼ DEF

RTTY Decode USOS				
	RTTY	USOS(UnShift On	ON	OFF
Space)			Decode as letter code (default)	Decode as character code

RTTY Decode New Line Code			
	RTTY	CR,LF,CR+LF	CR+LF
		CR, LF and CR+LF (default)	CR+LF only
CR : Carriage Return LF : Line Feed			

RTTY TX USOS			
	LTRS	FIGS	가
	FIGS		
		ON	OFF
		Inserts FIGS (default)	Not insert FIGS

■ Operating AM



- ①
- ② [AM/FM] AM
• "AM" 가 AM FM
• AM 가 AM FM
[AM/FM]
- ③
• S- 가
- ④ [AF]
- ⑤ [TRANSMIT] [PTT]()
• TX 가
- ⑥ level.
• [MIC GAIN]
- ⑦ 가 [TRANSMIT] [PTT]

4

◆ Convenient functions for receive

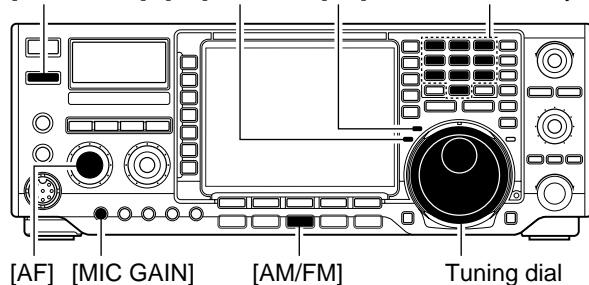
<ul style="list-style-type: none">• Preamp (p. 57) ➔ [P.AMP] OFF, preamp 1 ON preamp 2 ON • preamp 1 preamp 2 가 ON "P.AMP1" "P.AMP2" 가 ()• Attenuator (p. 57) ➔ [ATT] 6dB • 가 on "ATT"• Twin PBT (passband tuning) (p. 62) ➔ [TWIN PBT] (/) • [PBT CLR]• Noise reduction (p. 65) ➔ [NR] ON OFF • [NR] • 가 ON ([NR])가	<ul style="list-style-type: none">• Noise blanker (p. 64) ➔ [MB] ON OFF • 가 ON ([NB])가 ➔ [NB] 1 가• Notch filter (p. 64) ➔ [NOTCH] ON OFF • [NOTCH] • 가 ON ([NOTCH])가• AGC (auto gain control) (p. 59) ➔ [AGC] AGC FAST, AGC MID AGC SLOW ➔ [AGC] 1 AGC 가
---	---



<ul style="list-style-type: none">• ➔ [MONITOR] ON OFF • ON ([MONITOR])가 ➔ [EXIT/SET] 1 [(F-1)LEVEL] 가 [(F-1)▲]/[(F-2)▼]	<ul style="list-style-type: none">• VOX (voice operated transmit) (p. 66) ➔ [VOX] VOX ON OFF • VOX ON "VOX ON" 가.• Audio tone control (p. 95) ➔ [EXIT/SET] 1 [(F-1)LEVEL] 가 [(F-1)▲]/[(F-2)▼]
---	--

■ Operating FM

[TRANSMIT] [TX] indicator [RX] indicator Band keys



- ①
- ② [AM/FM] FM
 - "FM" 가
 - FM 가 AM FM
- ③
 - S- 가
 - 10kHz FM
- ④ [AF]
- ⑤ [TRANSMIT] [PTT]()
 - TX 가
- ⑥
 - level.
 - [MIC GAIN]
- ⑦ 가 [TRANSMIT] [PTT]



•Preamp (p. 57)

- ➔ [P.AMP] OFF,
- preamp 1 ON preamp 2 ON
- preamp 1 preamp 2 가 ON
- "P.AMP1" "P.AMP2" 가
- ()

•Attenuator (p. 57)

- ➔ [ATT] 6dB
- 가 on "ATT"

•Notch filter (p. 64)

- ➔ [NOTCH] ON OFF
- [NOTCH]
- 가 ON
- ([NOTCH])가

◆ Convenient functions for transmit

•Transmit quality monitor (p. 70)

- ➔ [MONITOR] ON
- OFF
- ON
- ([MONITOR])가
- ➔ [EXIT/SET] 1 [(F-1)LEVEL]
- 가
- [F-1]/[F-2]

•VOX (voice operated transmit) (p. 66)

- ➔ [VOX] VOX ON OFF
- VOX ON "VOX ON"
- 가

•Audio tone control (p. 95)

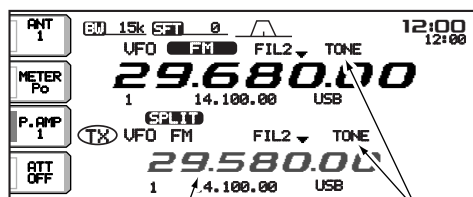
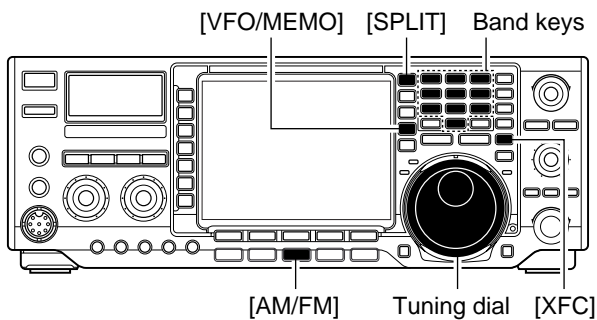
- ➔ [EXIT/SET] 1 [(F-1)LEVEL]
- 가
- [(F-1)▲]/[(F-2)▼]

■ Repeater operation

가

가

split



Shifted frequency appears. Tone encoder is automatically turned ON.

- ① (HF,50MHz)
quick split ON
. (p. 69)

- ② [VFO/MEMO] VFO

- ③

- ④ [AM/FM] FM

- ⑤ (

- ⑥ [SPLIT] 1

- ON

- "TX"가

- 71 [YFC]

- 가 [XFC]

- ⑦ [PTT] [PTT]

- ⑧ 가 [SPLIT]

가

가

- ① FM

- ② [TONE] 1

- ③ [(F-1)▲] "REPEATER TONE"

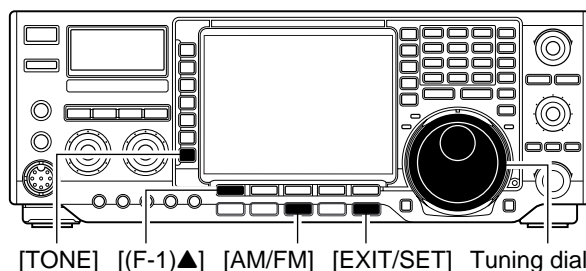
- ④

가

67.0Hz

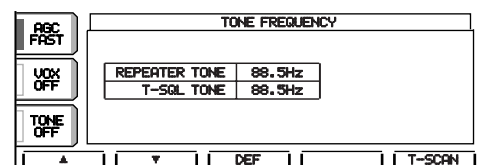
254.1Hz

50



CONVENIENT

ON/OFF



- ⑤ [EXIT/SET]

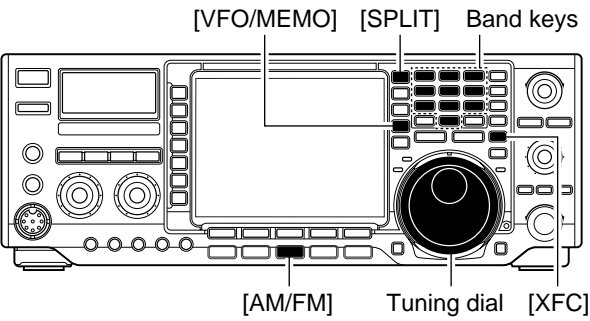
Available repeater tones

(Unit: Hz)

67.0	85.4	107.2	136.5	165.5	186.2	210.7	254.1
69.3	88.5	110.9	141.3	167.9	189.9	218.1	
71.9	91.5	114.8	146.2	171.3	192.8	225.7	
74.4	94.8	118.8	151.4	173.8	196.6	229.1	
77.0	97.4	123.0	156.7	177.3	199.5	233.6	
79.7	100.0	127.3	159.8	179.9	203.5	241.8	
82.5	103.5	131.8	162.2	183.5	206.5	250.3	

■ Tone squelch operation

가

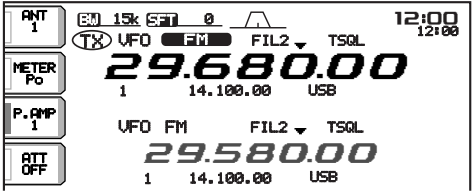


Available tone squelch tones (Unit: Hz)

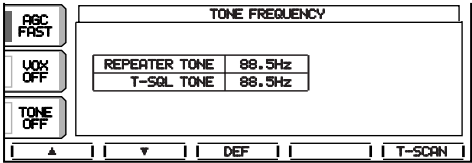
67.0	85.4	107.2	136.5	165.5	186.2	210.7	254.1
69.3	88.5	110.9	141.3	167.9	189.9	218.1	
71.9	91.5	114.8	146.2	171.3	192.8	225.7	
74.4	94.8	118.8	151.4	173.8	196.6	229.1	
77.0	97.4	123.0	156.7	177.3	199.5	233.6	
79.7	100.0	127.3	159.8	179.9	203.5	241.8	
82.5	103.5	131.8	162.2	183.5	206.5	250.3	

① FM

② [TONE] “TSQL”



③ [TONE] 1 가



④ [(F-2)▼] “T-SQL TONE”

⑤

• [(F-3)DEF] 1 가 [EXIT/SET]

⑥ 가 가

⑦

• S- 가

• [XFC]

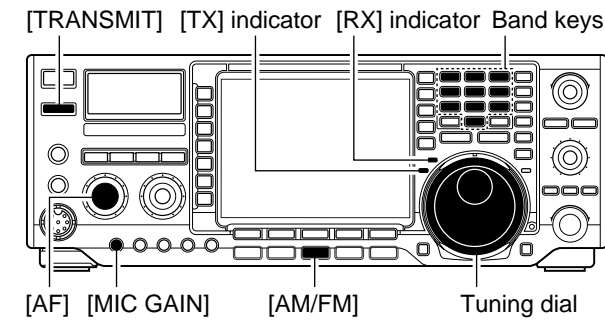
⑧

⑨ [TONE] “TSQL”

CONVENIENT

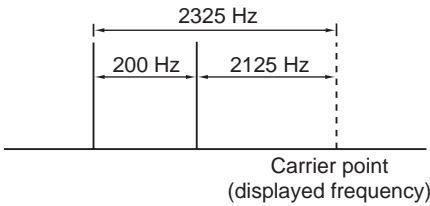
ON/OFF

■ Data mode (SSTV/PSK31) operation



✓For your information

SSB 가 가



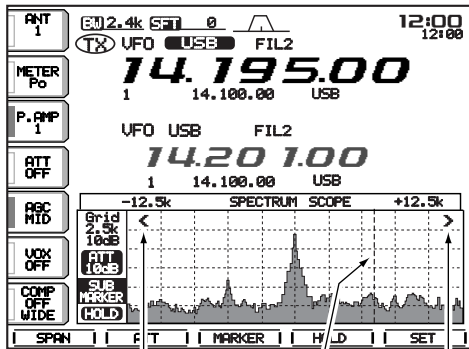
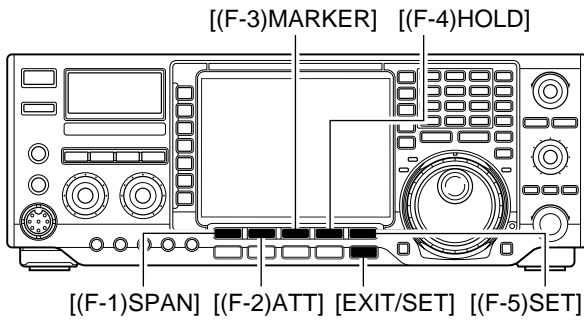
SSTV PSK31 PC

- ① PC
- ②
- ③ [SSB] [AM/FM]
- ④ 1 ON
• "-D" 가 가
- ⑤ and decoded correctly.
• SSB , 1/4
- ⑥ PC()
• SSB ALC ALC PC
가
- SSB 가
[ACC(1)](6) [MIC]
- SSB
- [COMP] : OFF
- Tx bandwidth : MID
- Tx Tone (Bass) : 0
- Tx Tone (Trebles) : 0

■ Spectrum scope screen

가

$\pm 12.5\text{kHz}$, $\pm 25\text{kHz}$, $\pm 50\text{kHz}$, $\pm 100\text{kHz}$



Appears when the marker is out of range. Sub readout or TX marker Appears when the marker is out of range.

① [EXIT/SET]

② [(F-1)SCOPE]

③ [(F-1)SPAN]

④ [(F-2)ATT]

OFF

• 10, 20, 30 dB

⑤ [(F-3)MARKER]

the marker OFF.

• “TX MARKER” 가

• “SUB MARKER” 가

⑥ [(F-4)HOLD]

“HOLD” 가

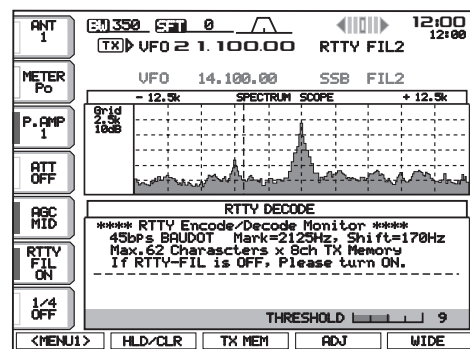
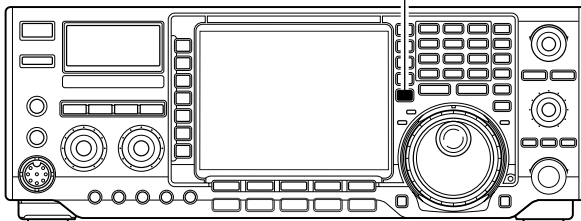
⑦ [EXIT/SET]

가 , 가 , [(F-2)ATT]

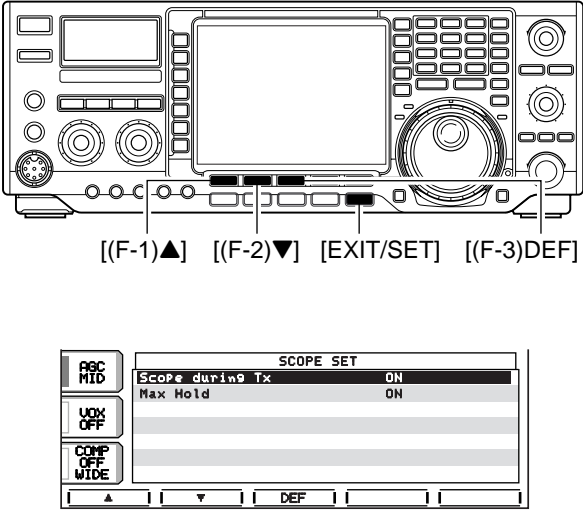
◇ Mini scope screen

➡ [MAIN/SUB•M.SCOPE] 1
ON OFF

[MAIN/SUB•M.SCOPE]



◇ Scope set mode



“OFF”가

① ON [(F-5) SET]

② [(F-5)SET]

③ [(F-1)▲] [(F-2)▼]

④

⑤ [(F-3)DEF] 1

[EXIT/SET]

5

Scope during Tx

ON OFF

“OFF”가

and OFF.

(:ON)

Max Hold

ON OFF

(: ON)

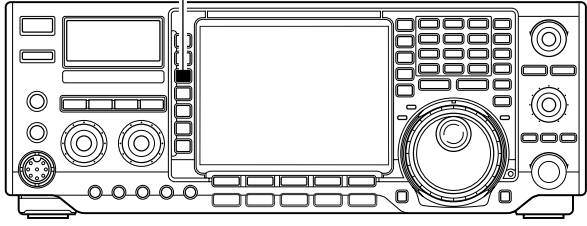
■ Preamplifier

S/N

가

1 2

[P.AMP]



➡ [P.AMP]

ON, 2 ON OFF, 1

- "P.AMP1" HF 10dB
- "P.AMP2" 24 MHz 16dB

high - gain

Regarding the use of the "P.AMP 2"
(Pre-amplifier 2)

"P.AMP 2" high gain

"P.AMP 2"가

가

"P.AMP1" "P.AMP OFF"

"P.AMP 2" 가

- 24MHz

• 가

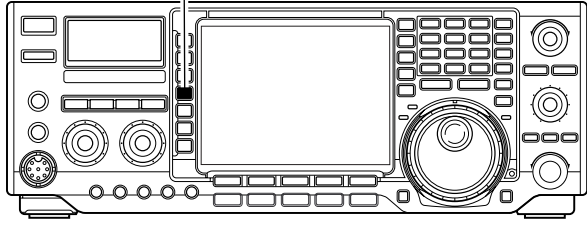
narrow 가 (

Beverage Yagi etc.)가

■ Attenuator

가

[ATT]



➡ [ATT] 6dB, 12dB, 18dB, OFF

- "ATT 6dB", "ATT 12dB", "ATT 18dB"

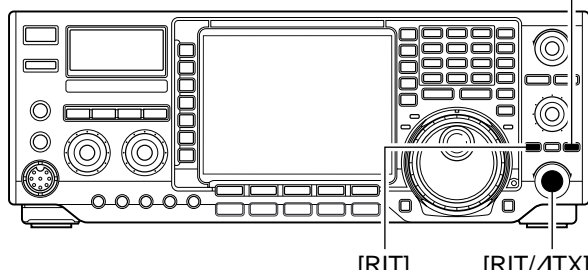
"ATT OFF" 가

RIT function

RIT(Receive Increment Tuning)
off -

(1Hz ±9.999kHz 1Hz
 10Hz)

• See 31 on p. 5 for function description.



[CLEAR]

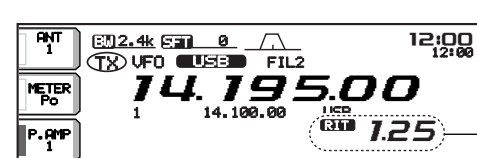
[RIT] [RIT/ΔTX]

RIT(Receive Increment Tuning)
off -

±9.999kHz 1Hz (1Hz
10Hz)

① [RIT] RIT ON OFF 가


• ON **RIT**



Appear

② [RIT/ΔTX]

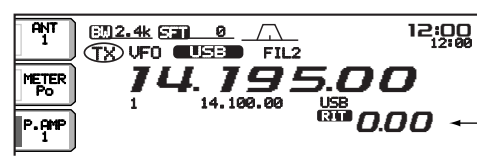
Low shift RIT/ΔTX High shift



③ RIT [CLEAR]

1 RIT/ TX ON [CLEAR]

• RIT RIT



Reset to "0.00"

④ RIT [RIT]

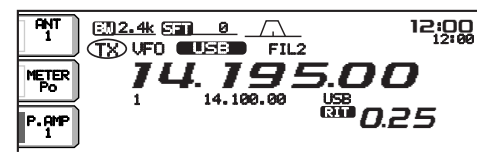
• "RIT" 가

• Calculate function

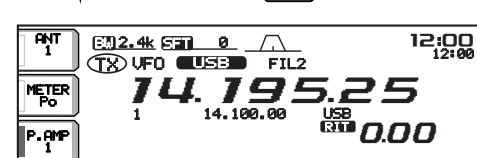
RIT(ΔTX) 가

RIT(/ ΔTX) 가

[RIT]([ΔTX]) 1



↓ Push and hold RIT



• Practical example

21.025MHz/CW DX

21.025MHz

① [RIT] [ΔTX] RIT TX

ON

② [RIT/ΔTX] DX

③ DX RIT OFF

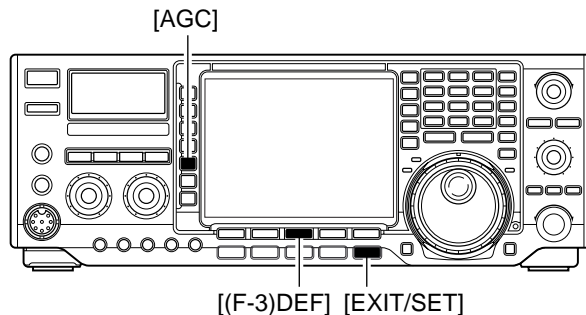
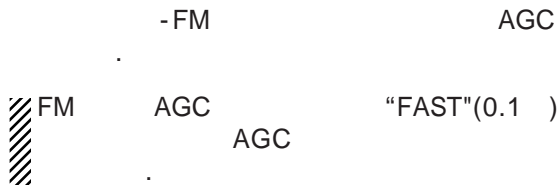
• DX (21.025MHz)

④

■ AGC function

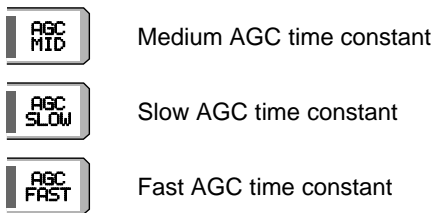
AGC(auto gain control)

가



- **AGC time constant selection**

- ① -FM
② [AGC] AGC fast AGC
 AGC slow

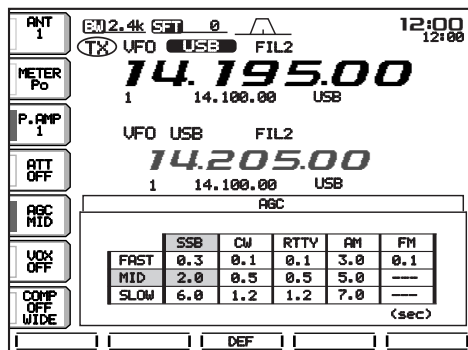


• **Selectable AGC time constant** (unit: sec.)

Mode	Default	Selectable AGC time constant
SSB	0.3 (FAST)	OFF, 0.1, 0.2, 0.3, 0.5, 0.8, 1.2, 1.6, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0
	2.0 (MID)	
	6.0 (SLOW)	
CW	0.1 (FAST)	OFF, 0.1, 0.2, 0.3, 0.5, 0.8, 1.2, 1.6, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0
	0.5 (MID)	
	1.2 (SLOW)	
RTTY	0.1 (FAST)	OFF, 0.1, 0.2, 0.3, 0.5, 0.8, 1.2, 1.6, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0
	0.5 (MID)	
	1.2 (SLOW)	
AM	3.0 (FAST)	OFF, 0.3, 0.5, 0.8, 1.2, 1.6, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0
	5.0 (MID)	
	7.0 (SLOW)	
FM	0.1 (FAST)	Fixed

- **Setting the AGC time constant**

- ① FM
② [AGC] 1 AGC 가



- | | |
|--------------|------------------|
| ③ [AGC] | FAST |
| ④ | 'AGC FAST' |
| • AGC | 0.1 0.8 () OFF가 |
| • | [(F-3)DEF] 1 |
| ⑤ [AGC] | |
| ⑥ | 'AGC MID' |
| • AGC | 0.1 0.8 (|
| • | [(F-3)DEF] 1 |
| ⑦ [AGC] | |
| ⑧ | 'AGC SLOW' |
| • AGC | 0.1 0.8 (|
| • | OFF가 |
| | [(F-3)DEF] 1 |
| ⑨ FM | |
| 3 8 | |
| ⑩ [EXIT/SET] | AGC |

■ Twin PBT operation

PBT()
IF

DSP . 08[TWIN PBT]
IF 가

→ LCD

→ [FILTER] 2

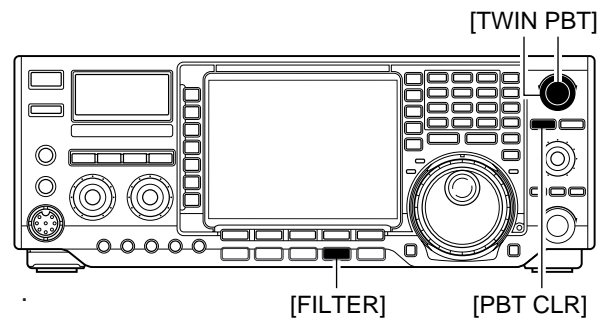
가

→ [TWIN PBT]
[PBT CLR] 2

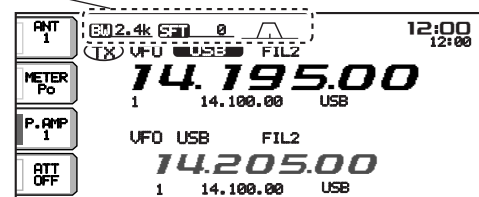
가
가
Hz
RTTY 가 ON AM IF

가 IF
ON) 20/40 Hz
150/300/500 Hz

RTTY(RTTY 가
AM

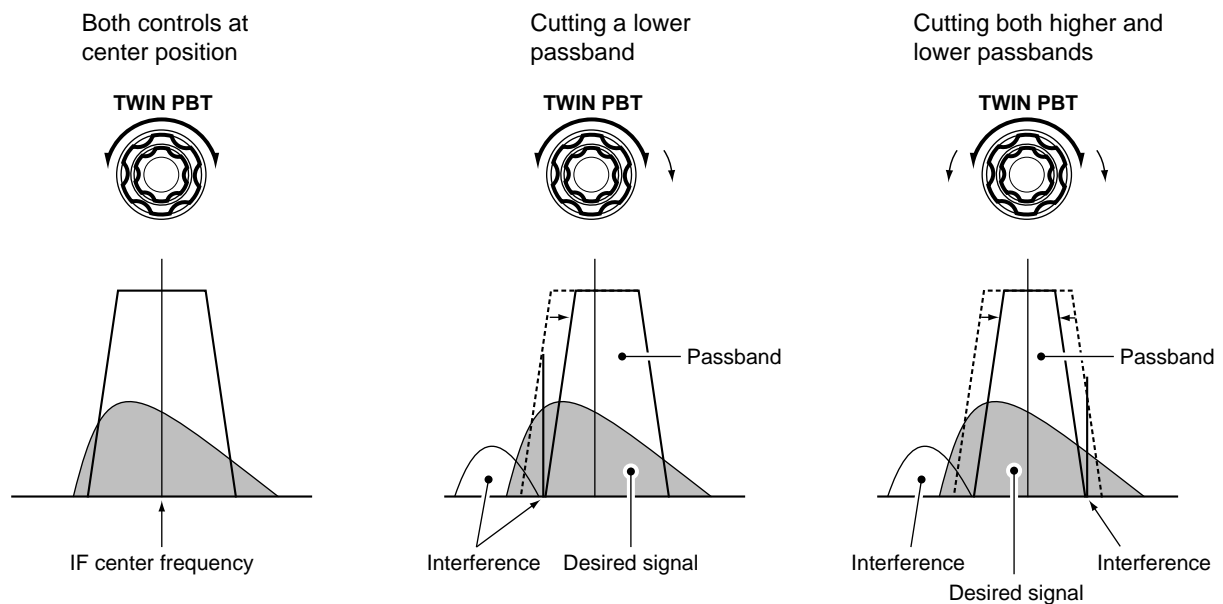


Shows filter width, shifting value and condition



- [TWIN PBT]
(PBT)
- PBT가
- FM 가
- [TWIN PBT]
DSP

PBT OPERATION EXAMPLE



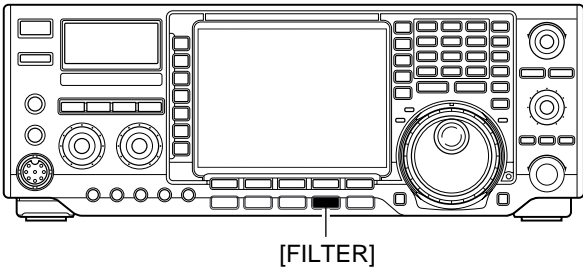
IF filter selection

IF 가 3가

SSB CW 50 100Hz 50
3600Hz 41

RTTY 50 100Hz 50 2700Hz
32

AM FM
3

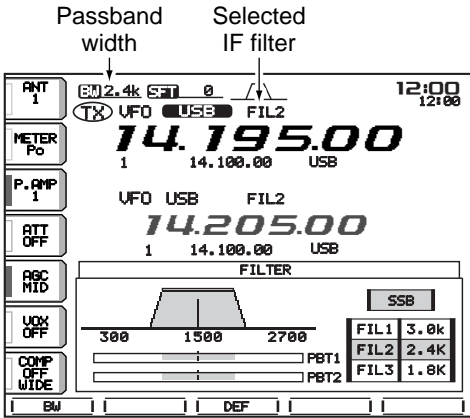


IF filter selection

- ①
- ② RTTY [RTTY FIL]
- ③ [FILTER] IF 1,2,3
가 LCD

Filter passband width setting (SSB, CW and RTTY mode only)

- ① SSB, CW RTTY
•AM FM
- ② RTTY [RTTY FIL] RTTY
- ③ [FILTER] 1
- ④ [FILTER] IF 가
- ⑤ [(F-1)BW]
• [(F-3)DEF] 1
- ⑥ 4 5
- ⑦ [EXIT/SET]

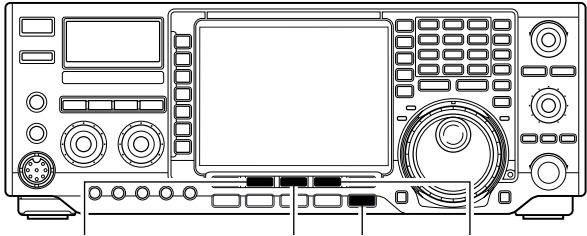


Mode	Filter	Default	Range (Steps)
SSB	FIL1	3.0 kHz	50–500 Hz (50 Hz)/ 600–3.6 kHz (100 Hz)
	FIL2	2.4 kHz	
	FIL3	1.8 kHz	
SSB-D CW	FIL1	1.2 kHz	50–500 Hz (50 Hz)/ 600–3.6 kHz (100 Hz)
	FIL2	500 Hz	
	FIL3	250 Hz	
RTTY	FIL1	2.4 kHz	50–500 Hz (50 Hz)/ 600–2.7 kHz (100 Hz)
	FIL2	500 Hz	
	FIL3	250 Hz	
AM	FIL1	9.0 kHz	Fixed
	FIL2	6.0 kHz	
	FIL3	3.0 kHz	
FM*	FIL1	15 kHz	Fixed
	FIL2	10 kHz	
	FIL3	7.0 kHz	

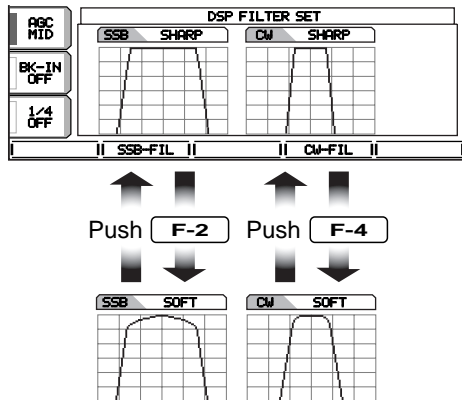
*: IF 가 FM FIL2
FIL3 Tx IF
narrow (2.5kHz)

DSP filter shape

SSB CW DSP
soft sharp



[(F-2)SSB-FIL] [(F-3)DSP] [EXIT/SET] [(F-4)CW-FIL]



① [EXIT/SET]

② [EXIT/SET] 2
가

③ [(F-3)DSP] DSP

④ [(F-2)SSB-FIL] [(F-4)CW-FIL]

SSB CW

sharp soft

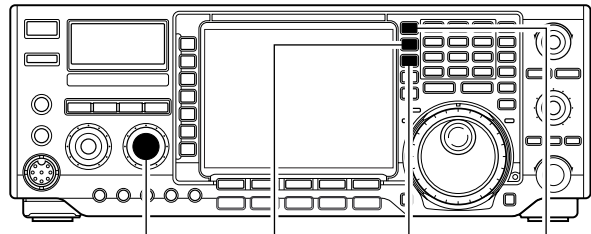
DSP

⑤ [EXIT/SET]



가 2

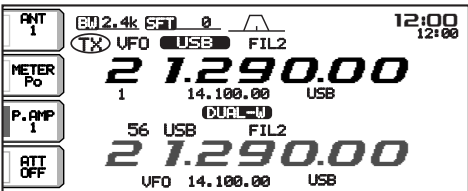
가 RF



[BAL] [DUALWATCH] [CHANGE] [SPLIT]

FIT
 ΔTX
(split OFF) ; split
ON

- ①
- ② [DUALWATCH] 1
• " **DUAL-W** " 가 LCD
quick
• [DUALWATCH]



- ③
- ④ [BAL]
- S- 가
- ⑤ [CHANGE] [SPLIT]

•

split

QSO

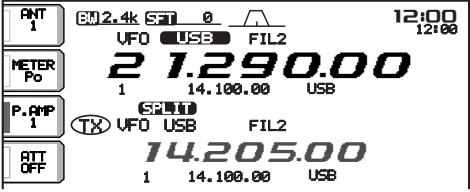
①

ming.

• F

② [SPLIT] split ON

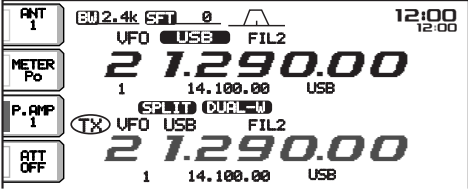
• " **SPLIT** " 가



③ VFO

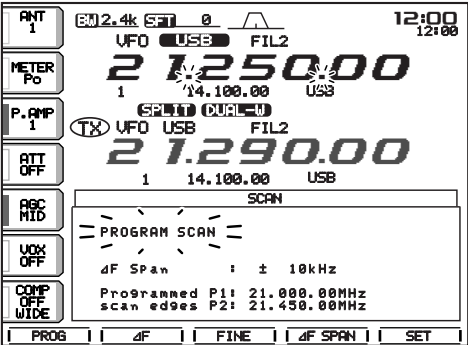
④

⑤ [DUALWATCH] 1

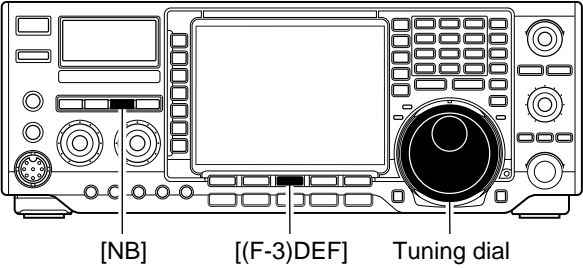
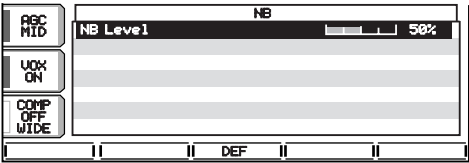


⑥ [(F-5)SCAN] [EXIT/SET]

⑦ [(F-1)PROG] [(F-2)ΔF]
ΔF F



⑧ [EXIT/SET]

- ① [NB]
 - [NB] 가
- ② [NB] 1 가
- ③
 - [(F-3)DEF] 1 가
- ④ [NB] OFF
 - [NB] 가

가 가

3

가 가

SSB, AM, FM

SSB, CW, RTTY, AM

➔ [NOTCH]

OFF, SSB, AM

➔ CW, RTTY, SSB [NOTCH]

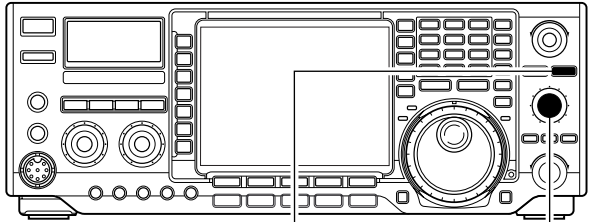
ON/OFF

➔ FM [NOTCH]

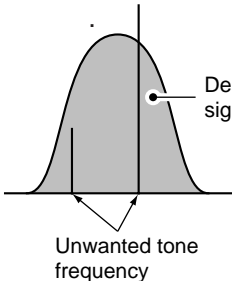
ON/OFF

- [NOTCH]
- 가, 'AN'
- 가, 'MN'

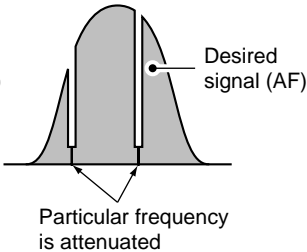
DSP



Auto notch OFF



Auto notch ON



① [NR]

- [NR]

가

ON

② [NR]

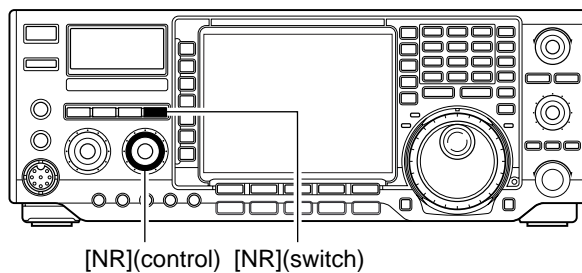
③ [NR]

OFF

- [NR]

/// [NR]

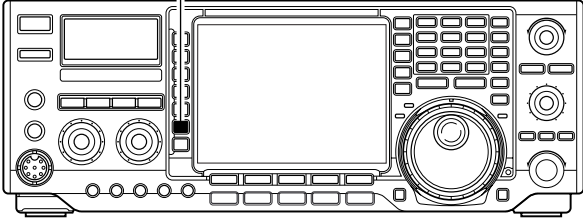
[NR]



■ VOX

VOX(VOICED - OPERRATED TRANSMISSION)

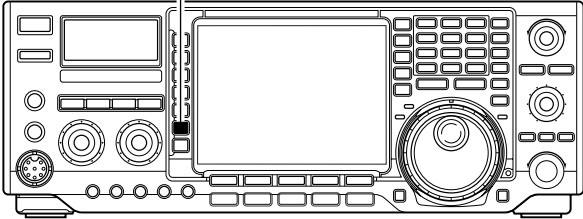
◇ Using the VOX function



[VOX]

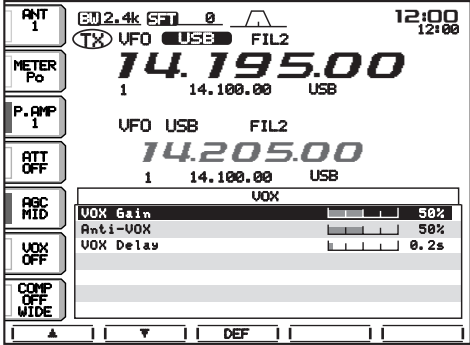
- ① (SSB, AM, FM)
- ② [VOX] VOX ON OFF

◇ VOX



[VOX]

- ① (SSB, AM, FM)
- ② VOX VOX ON
- ③ 2 [VOX] VOX
- ④ [(F-1)] [(F-2)] VOX
- ⑤
- ⑥ VOX delay
-[(F-1)] [(F-2)] VOX delay
- ⑦ anti VOX 가 anti VOX 가

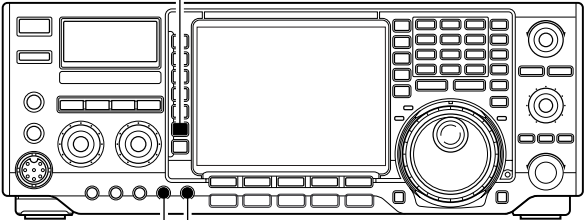


■ Break-in function

keying
CW
IC-756PRO full - semi
- 가


◇ Semi break-in operation

semi - , 가 keying
keying



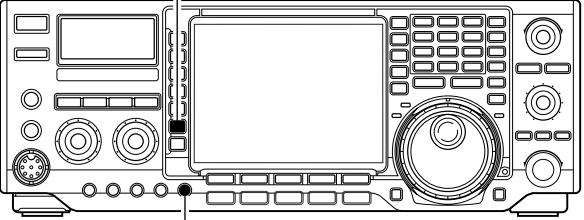
[BK-IN]
[BK-IN DELAY] [KEY SPEED]

① [CW/RTTY] CW CW-R
② [BK-IN] semi -
ON
• “BK-IN SEMI” 가
③ [BK-IN DELAY] -
.()

keying [KEY SPEED]


◇ Full

full - , 가 keying
keying



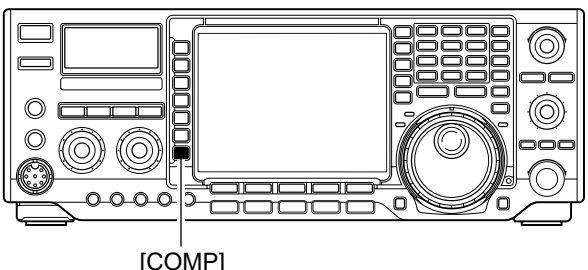
[BK-IN]
[KEY SPEED]

① [CW/RTTY] CW CW-R
② [BK-IN] full -
ON
• “BK-IN FULL” 가
[KEY SPEED]

keying

Transmit filter width setting (SSB only)

SSB
middle, narrow



[COMP]

wide, middle, narrow

➔ USB LSB, [COMP]

1
wide, middle, narrow

• 가

WIDE : 100 Hz to 2.9 kHz
MID : 300 Hz to 2.7 kHz
NAR : 500 Hz to 2.5 kHz

Speech compressor

가 SSB RF

가

• **Speech compressor**

① USB LSB

② [COMP] ON

OFF

③ [COMP] 1 narrow middle

wide

• : ()

NAR 2.0 kHz
MID 2.4 kHz
WIDE 2.8 kHz

• **Compression level setting**

① USB LSB

②

'COMP' function : OFF
'METER' function : ALC
[MIC GAIN] control : Center position
[COMP] control : Center position
[RF POWER] control : Max. counterclockwise

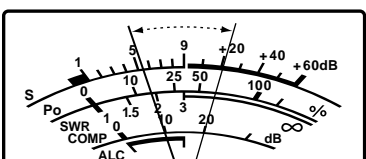
③

④ [MIC GAIN] ALC 가 ALC

⑤ [COMP] ON

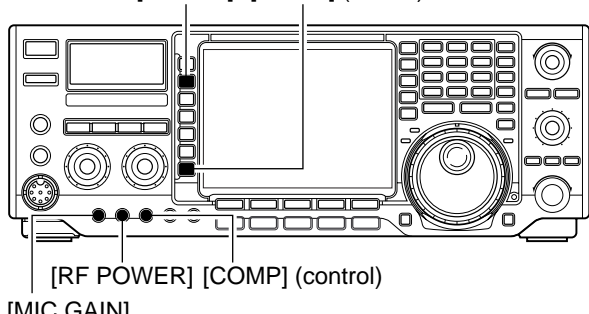
⑥ [METER] COMP

⑦ [COMP] COMP 가 10dB 20dB



COMP meter

ALC 가 ALC



[METER] [COMP] (switch)

[RF POWER] [COMP] (control)

[MIC GAIN]

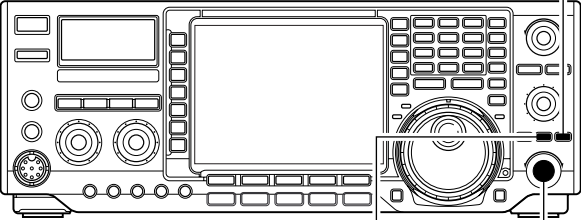
■ Δ TX function

Δ TX
1Hz (1Hz
10Hz)

$\pm 9.999\text{kHz}$

• See 29 on p. 5 for function description.

[CLEAR]

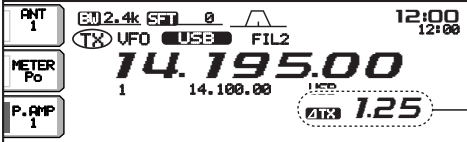


[ΔTX] [RIT/ΔTX]

RIT Δ TX가 ON

[RIT/ΔTX]


① [ΔTX]
• ON "ΔTX" 가



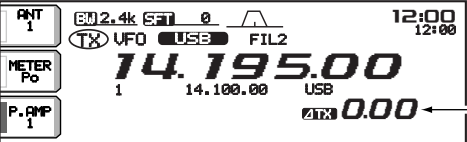
Appear

② [RIT/ΔTX]

Low shift High shift



③ Δ TX [CLEAR]
1 [CLEAR]
• quick RIT/ TX clear가 ON [CLEAR]
RIT



Reset to "0.00"

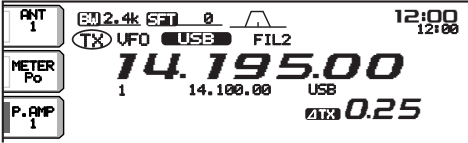
④ Δ TX [ΔTX]
• "ΔTX" 가


• Calculate function

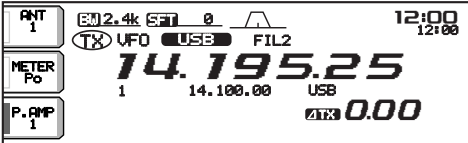
RIT Δ TX 가

RIT / Δ TX 가

[RIT] [ΔTX] 1 가



Push and hold 



• Practical example

21.025MHz/CW DX :

① [RIT] [ΔTX]
 Δ TX ON RIT

② [RIT/ΔTX] DX

③ DX [RIT]
RIT OFF

• DX
DX
(21.025 MHz)

④ DX

■ Monitor function

SSB IF

[MONITOR]

CW

ON

가

① [MONITOR]

②

③ [EXIT/SET] 1 [(F-1)LEVEL]

④ [(F-1)▲] [(F-2)▼]

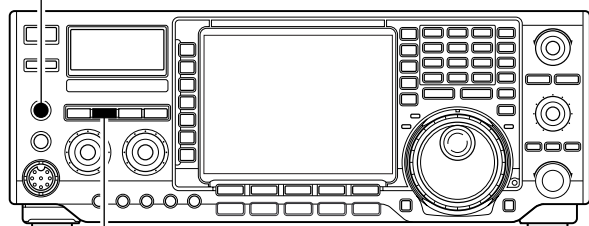
⑤

• [(F-3)DEF]

⑥ [EXIT]

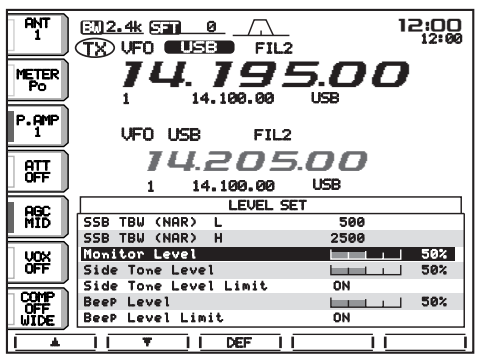
0 dB

[PHONES] jack



[EXIT/SET]

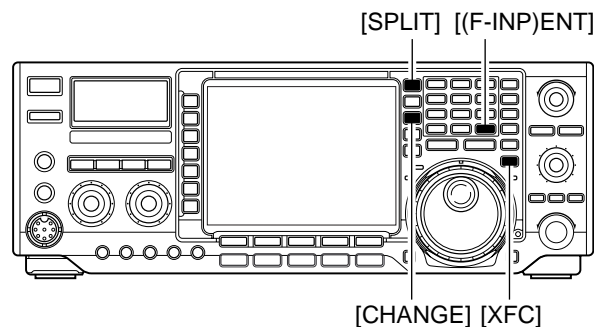
[MONITOR]



Split frequency operation

Split

가 21.290MHz
가 21.310MHz



① VFO 21.290MHz(USB)

② [SPLIT] [CHANGE]

1

• LCD "SPLIT" 가

• "TX"가

③ [XFC] 21.310MHz

• [XFC]

④ 21.290MHz 21.310MHz

[CHANGE]

CONVENIENT

- ① [(F-INP)ENT]
- ②
- 1kHz 1MHz
 - [•]
- ③ [SPLIT]
- ON

EXAMPLE

To operate on 1 kHz higher frequency: F-INP ENT 1 SPLIT

To operate on 3 kHz lower frequency: F-INP ENT • 3 SPLIT

CONVENIENT

DUALWATCH FUNCTION

CONVENIENT

SPLIT LOCK FUNCTION

가 [XFC]

[XFC]

frequency. (p. 100)



DX

가

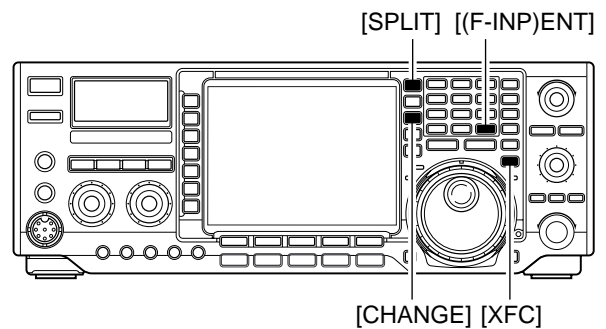
[SPLIT]

2
ON

OFF

ON

[SPLIT]



6

① VFO 가 21.290MHz(USB)

② 1 [SPLIT] ON

- Split

③ ; , [(F-INP)ENT] [SPLIT]

- [XFC] 가

PRACTICAL EXAMPLE

DX , DX
"up", "X", "kHz"

① [SPLIT] 1 가

② DX 가 "up", "10", "kHz"

- [1], [0] [SPLIT]

OPERATION 2
DX 가 "down", "5", "kHz"

➡ [(F-INP)ENT], [•], [5] [SPLIT]
ON , "5 kHz down"

PRACTICAL EXAMPLE

① [SPLIT] [CHANGE]
1 가
" [SPLIT] "가

②

③ , PTT

④

- [XFC]

DX

15

90

8

가
가

4

CQ

① [EXIT/SET]

② [SSB],[CW/RTTY] [AM/FM]

③ [(F-2)VOICE]

(T1-T4)

[(F-5)T/R]

AGC MID	VOICE RECORDER				
VOX OFF	R1	14.100.00	USB	15:30	8s
COMP OFF WIDE	R2			---	
	R3			---	
	R4			---	
	MEMORY				
	R1	R2	R3	R4	T/R

④ [(F-4)R4] 1 [(F-1)R1] -

• "REC" 가 가

AGC MID	VOICE RECORDER				
VOX OFF	REC R1	14.195.00	USB	10:10	10s
COMP OFF WIDE	R2			---	
	R3			---	
	R4			---	
	MEMORY				
	R1	R2	R3	R4	T/R

⑤ [(F-1)R1] -

[(F-4)R4]

30

IMPORTANT!

15 가

[(F-1)R1] -

[(F-4)R4]

[F15-1)R1] -

[(F-4)R4] 가

15 ()

20

5

5

15

⑥ [EXIT/SET]

① [EXIT/SET]

② [(F-2)VOICE]

(T1-T4)

[(F-5)T/R]

AGC MID	VOICE RECORDER				
VOX OFF	R1	14.100.00	USB	15:30	8s
COMP OFF WIDE	R2			---	
	R3			---	
	R4			---	
	MEMORY				
	R1	R2	R3	R4	T/R

③ [(F-1)R1] -

[(F-4)R4]

• "PLAY" 가

AGC MID	VOICE RECORDER				
VOX OFF	PLAY R1	14.195.00	USB	10:10	5s
COMP OFF WIDE	R2			---	
	R3			---	
	R4			---	
	MEMORY				
	R1	R2	R3	R4	T/R

④ [(F-1)R1] -

[(F-4)R4]

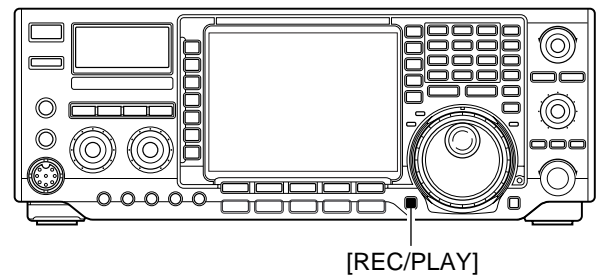
15

⑤ [EXIT/SET]

■ Digital voice recorder (continued)

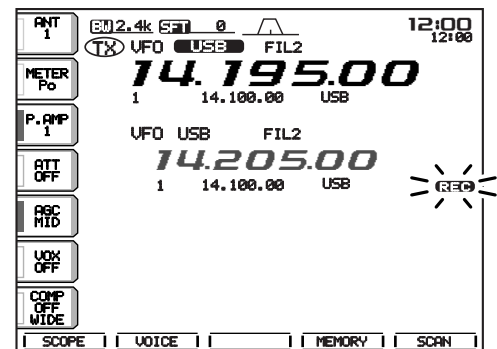
• One-touch voice recording

- ① [REC/PLAY] 1 가
- "REC" 가
- R4
- ② [REC/PLAY]
- 30
- IMPORTANT!** 15
- [REC/PLAY]



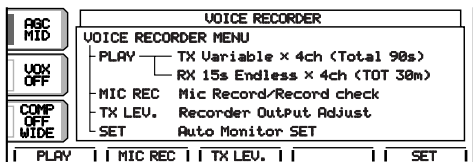
• One-touch playback

- R4
- ① [REC/PLAY]
- "PLAY" 가
- R4
- ② [REC/PLAY]
- R4
- 15

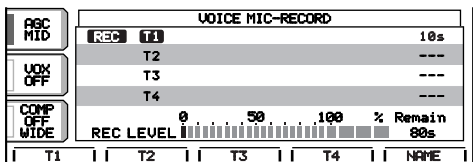


()

- ② [(F-2)VOICE]



- ④ $, [(F-1)T1]$

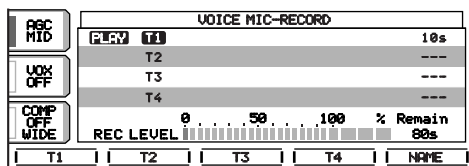
$$\frac{[(F-4)T4]}{[PTT]} = 1$$


- $$\textcircled{6} \quad \quad \quad , [(F-1)T1]$$

• T1-T4 90 가

- ③ [(F-2)MIC REC]

- [(F-4)T4]



- [(F-4)T4]

- (! # \$ % & ¥ ? " ' ` ^ + - * / . , : ; = < > () [] { } | _ - @)

- 가
-
- 가

- ⑤

- [ABC] [abc]
- [123] [etc]
- [(F-1)◀] [(F-2)▶]
- [(F-3)DEL]
- [(F-4)SPACE]
- , [0] [9]

- 가

- ⑧ [EXIT/SET]

Digital voice recorder (continued)

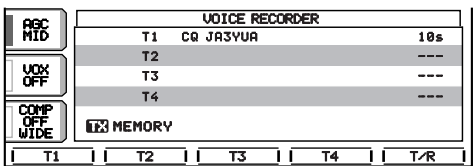
• Sending a message for transmit

① [EXIT/SET]

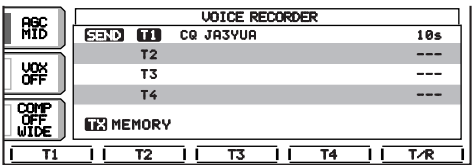
② [SSB] [AM/FM]

③ [(F-2)VOICE]

• (R1 4)
[(F-5)T/R]



④ [(F-1)T1] - [(F-4)T4]



⑤ [(F-1)T1] - [(F-4)T4]
⑥ [EXIT/SET]

For your information
가 3 7
T1 T4가

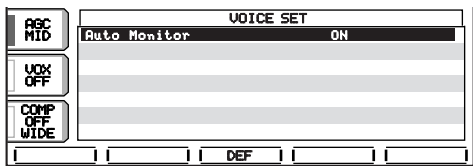
•

①

② [EXIT/SET] [(F-5)SET]

③

• [(F-3)DEF] 1

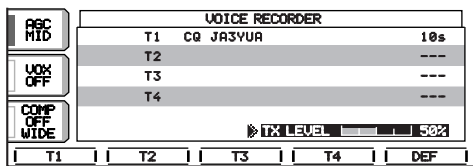


④ [EXIT/SET]

•

①

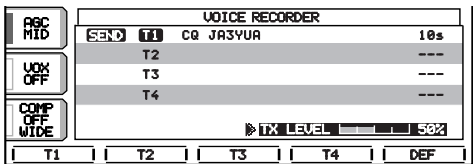
② [(F-3)TX LEV.]



③ [(F-1)T1] - [(F-4)T4]

④

• [(F-5)DEF]



⑤ [EXIT/SET]

Memory channels

101

101

MEMORY CHANNEL	MEMORY CHANNEL NUMBER	CAPABILITY	TRANSFER TO VFO	OVER-WRITING	CLEAR
Regular memory channels	1–99		Yes	Yes	Yes
Scan edge memory channels	P1, P2		Yes	Yes	No

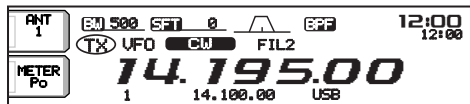
Memory channel selection

• [▲] [▼]

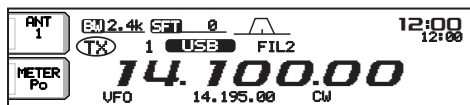
① [VFO/MEMO]

② [▲]/[▼]

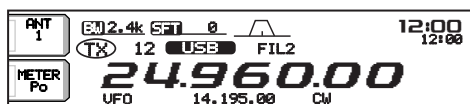
③ VFO [UP] [DN] 가 [VFO/MEMO]



VFO/MEMO



▲ or ▼



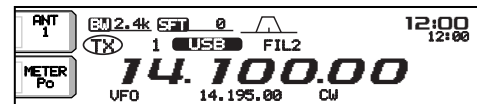
• Using the keypad

① [VFO/MEMO]

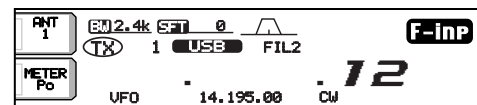
② [(F-INP)ENT]

③

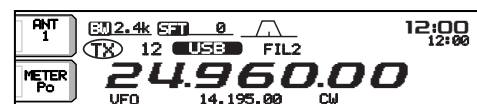
④ 100 101 P1 P2
[▲] [▼]



F-INP ENT then 1 2



▲ or ▼



Memory channel screen

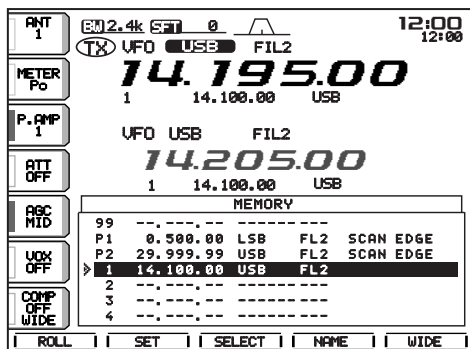
7

13

① [EXIT/SET]

② [(F-4)MEMORY]

• [(F-5)WIDE]



③ [(F-2)SET]

• [▲] [▼]

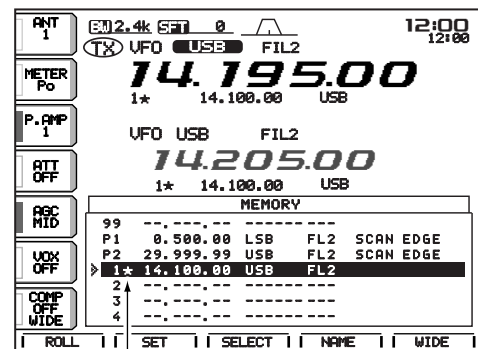
④ [EXIT/SET]

①

② [(F-1)ROLL] [(F-2)SET]

• [▲] [▼]

③ [(F-3)SELECT]



“★” appears for select memory channel.

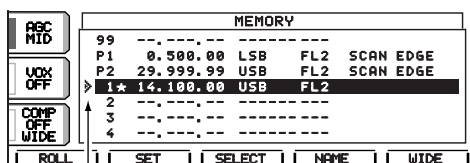
④

⑤ [EXIT/SET]

①

② [(F-1)ROLL]

③ [(F-2)SET]



“▶” appears when the memory channel is selected.

④ [EXIT/SET]

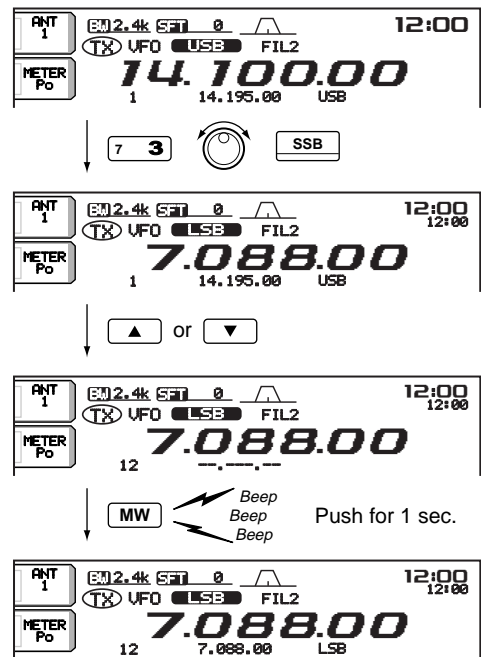
Memory channel programming

VFO
가

•Programming in VFO mode

- ① VFO
- ② [▲]/[▼]
.
.
.
"-----"
③ [MW] 1

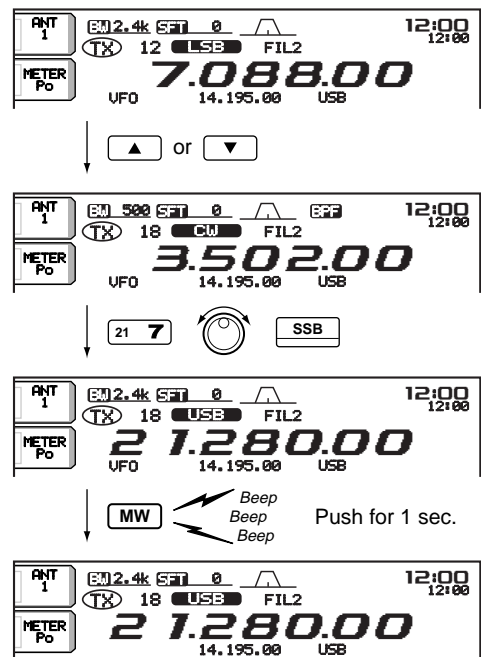
[EXAMPLE]: Programming 7.088 MHz/LSB into memory channel 12.



•Programming in memory mode

- ① [▲]/[▼]
.
가
②
.
.
③ 1 [MW]

[EXAMPLE]: Programming 21.280 MHz/USB into memory channel 18.



Frequency transferring

VFO

VFO

Transferring in VFO mode

VFO

① [VFO/MEMO] VFO

②

[▲]/[▼]

•

• ()

•

• "-----"

• 가 가

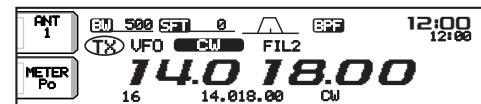
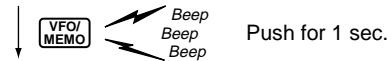
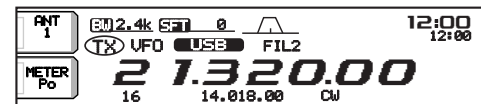
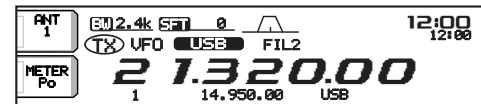
③ [VFO/MEMO] 1

•

TRANSFERRING EXAMPLE IN VFO MODE

Operating frequency : 21.320 MHz/USB (VFO)

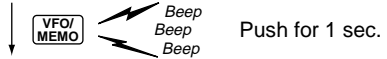
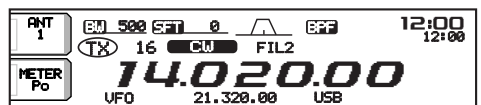
Contents of M-ch 16 : 14.018 MHz/CW



TRANSFERRING EXAMPLE IN MEMORY MODE

Operating frequency : 14.020 MHz/CW (M-ch 16)

Contents of M-ch 16 : 14.018 MHz/CW



Programmed contents appear.

Memory names

10

()

가

(! # \$ % & ¥ ? " ' ` ^ + - * / . : ; = < > () [] { } | _ ~)

•Editing (programming) memory names

① [EXIT/SET]

② [(F-4)MEMORY]

③

④ [(F-4)NAME]

가

가

Selected character

Character group keys

⑤

•[ABC] [abc]

•[123] [etc]

•[(F-1)◀] [(F-2)▶]

• [(F-3)DEL]

• [(F-4)SPACE]

• , [0] [9],

⑥ [EXIT/SET]

가

⑦

⑧ [EXIT/SET]

③

Memory clearing

① [VFO/MEMO]

② [▲]/[▼]

③ [M-CL] 1

가

④

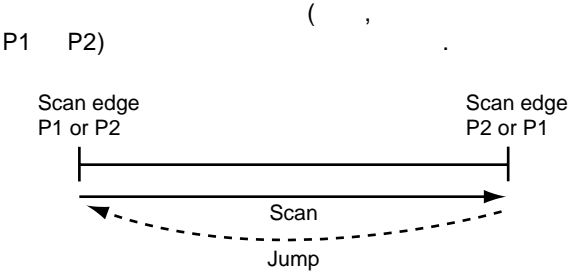
~

②

■ Scan types

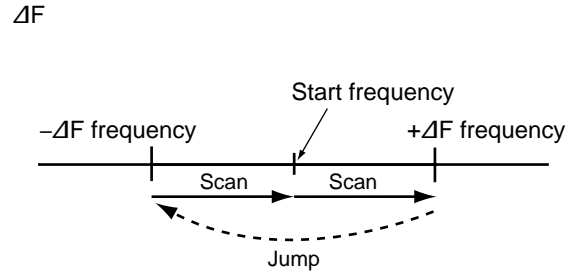


PROGRAMMED SCAN



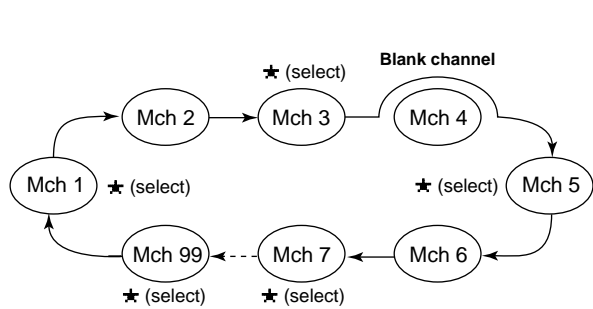
This scan operates in VFO mode.

ΔF SCAN



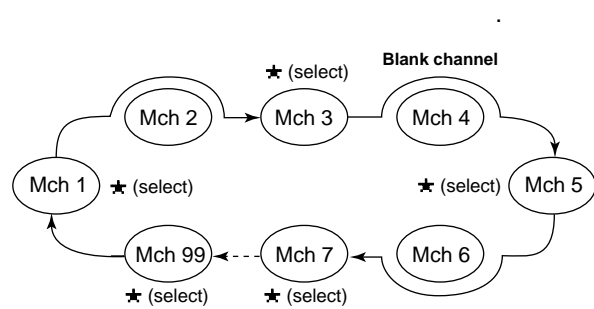
This scan operates in both VFO and memory modes.

MEMORY SCAN



This scan operates in memory mode.

SELECT MEMORY SCAN



This scan operates in memory mode.

■ Preparation

• Channels

$P2$ $P1$

For ΔF scan:

ΔF (ΔF)

For memory scan:

2

2

()
 [(F-3)SELECT]

• Scan resume ON/OFF

ON/OFF

• Scan speed

2가 , high
 low

•

SCAN STARTS WITH	PROGRAMMED SCAN	MEMORY SCAN
SQUELCH OPEN	가	scan resume ON OFF
SQUELCH CLOSED	가 ON 10 2	scan resume 가 가

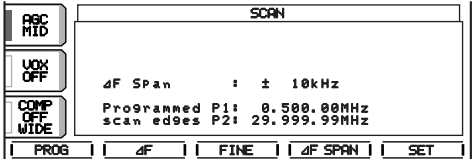
Programmed scan operation

① [EXIT/SET]

② VFO

③

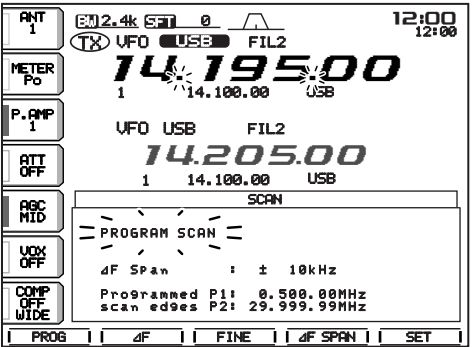
④ [(F-5)SCAN]



⑤ [RF/SQL]

- [RF/SQL] "AUTO"
- SSB, CW, RTTY

⑥ [(F-1)PROG]



⑦

⑧ [(F-1)PROG]

가 P1

가 P2

ΔF

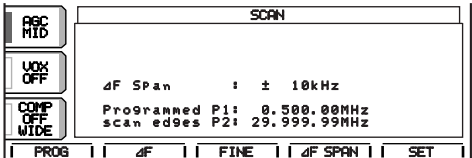
① [EXIT/SET]

② VFO

③

ning.

④ [(F-5)SCAN]



⑤ [RF/SQL] /

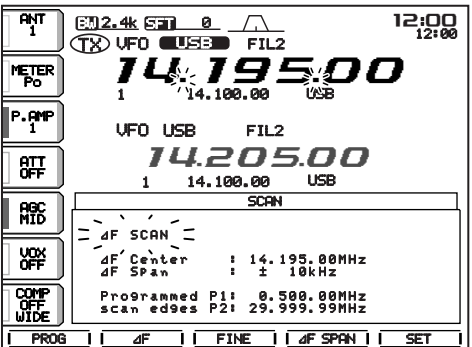
- [RF/SQL] "AUTO"
- SSB, CW, RTTY 가

⑥ [(F-4)ΔF SPAN] F

- ±5 kHz, ±10 kHz, ±20 kHz, ±50 kHz, ±100 kHz, ±500 kHz and ±1000 kHz are selectable.

⑦ ΔF

⑧ [(F-2)ΔF] ΔF



⑨ resume

⑩ [(F-2)ΔF]

■ Fine programmed scan/fine ΔF scan

가

50 Hz 10 Hz

① [EXIT/SET]

② [(F-5)SCAN]

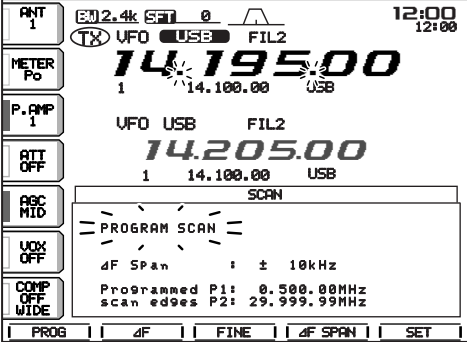
③

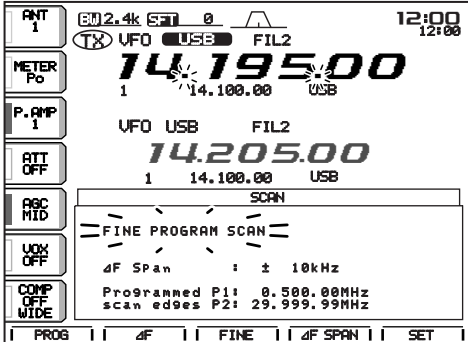
④ [(F-1)PROG] [(F-2)ΔF]

⑤ [(F-3)FINE]

- “FINE PROGRAM SCAN” “FINE ΔF SCAN”

가





⑥

⑦ [(F-1)PROG] [(F-2)ΔF]

 [(F-3)FINE]

■ Memory scan operation

① [EXIT/SET]

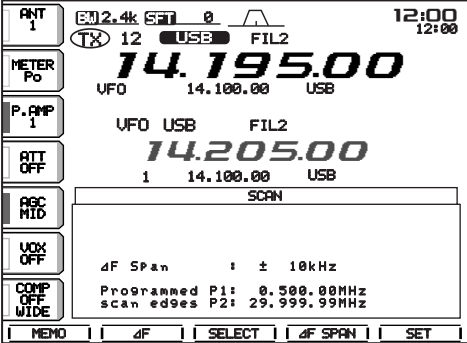
②

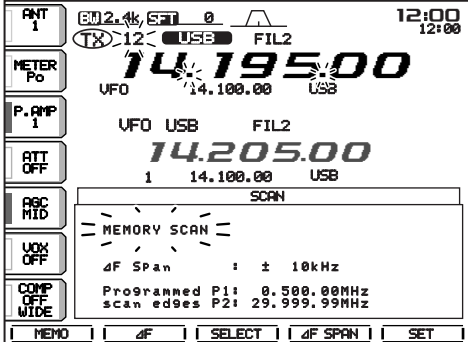
③ [(F-5)SCAN]

④ [RF/SQ]

- See p. 83 for scan condition.
- [RF/SQ] "AUTO"
- SSB, CW, RTTY 가

⑤ [(F-1)MEMO]





⑥ resume

⑦ [(F-1)MEMO]

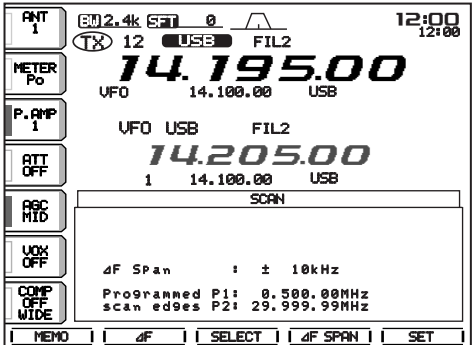
|||||

Select memory scan operation

① [EXIT/SET]

②

③ [(F-5)SCAN]

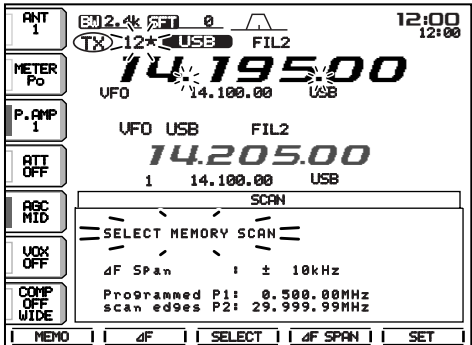


④ [RF/SQL]

- See p. 83 for scan condition.
- [RF/SQL] "AUTO" 가
- SSB, CW, RTTY
- See pgs. 2, 30, 99 for details.

⑤ [(F-1)MEMO]

⑥ [(F-3)SELECT]
: [(F-3)SELECT]



⑦ resume

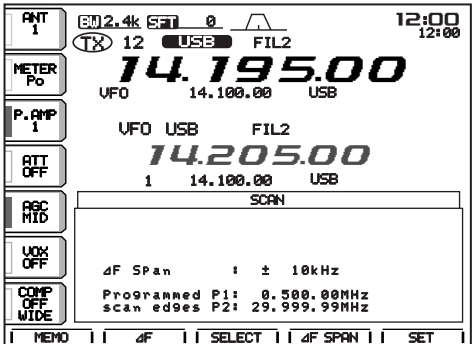
⑧ [(F-1)MEMO]

Setting select memory channels

① [EXIT/SET]

②

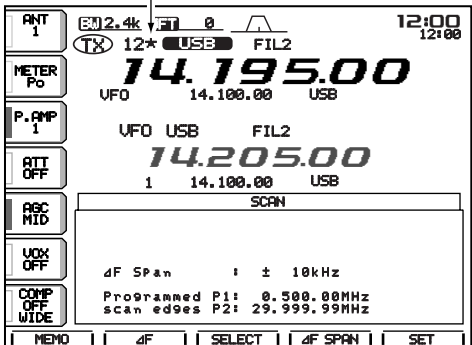
③ [(F-5)SCAN]



④

⑤ [(F-3)SELECT]

"★" appears for select memory channels.



⑥

⑦ [EXIT/SET]

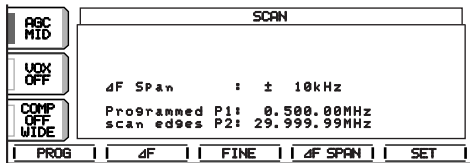
■ Scan set mode

• Scan speed

가 , high low가

① [EXIT/SET]

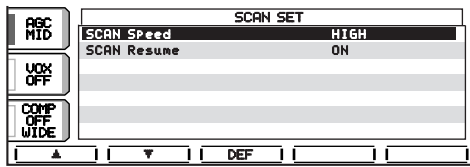
②



③ [(F-5)SCAN]

screen.

④[(F-1)▲]



⑤

[(F-3)DEF]

⑥

[EXIT/SET]

• Scan resume condition

ON: (가 10 1);

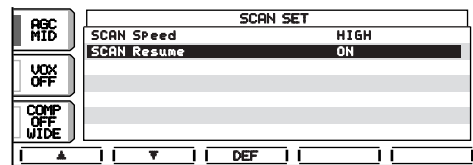
OFF:

① [EXIT/SET]

②[(F-5)SCAN]

③[(F-5)SET]

④ [(F-2)▼]



⑤

ON OFF

[(F-3)DEF]

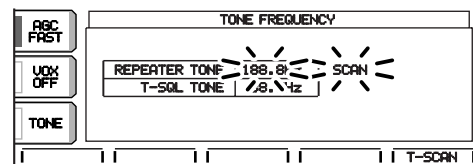
⑥ [EXIT/SET]

■ Tone scan

가

⑤ [(F-5)T-SCAN]

• "SCAN" 가



①

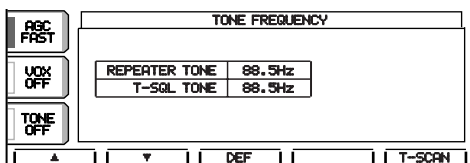
② [AM/FM]

FM

③ [TONE]

1

가



④ [(F-1)▲]

[(F-2)▼]

⑥

가

가

가

⑦

[(F-5)T-SCAN]

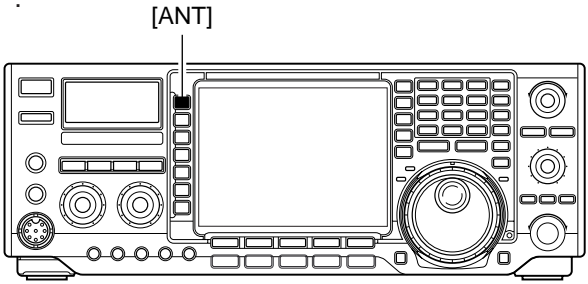
⑧ [EXIT/SET]

■ Automatic antenna selection

10 0.1-60 MHz
가 (ANT1, ANT2, ANT1/RX
ANT2/RX).
가
2 3
"Auto" 가 [ANT]

AGC MID	OTHERS SET
UOX OFF	FM SPLIT Offset<HF> -0.100MHz
COMP OFF	FM SPLIT Offset<50M> -0.500MHz
WIDE	SPLIT LOCK OFF
	Tuner <Auto Start> OFF
	Tuner <PTT Start> OFF
	ANTENNA SWITCH Auto
	RTTY Mark Frequency 2125
	DEF WIDE

- OFF가 , [ANT]
[ANT1]
- Manual , [ANT]
- Auto (),
ON/OFF
- Auto Manual ,
ON/OFF 가 [ANT]



- , "Auto" 가 [ANT]
- 가
- , "Manual" 가 [ANT]

- ()
-

Antenna tuner operation

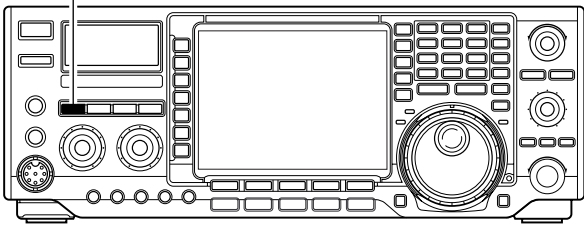
가 : 가
가
angles
(100 kHz).
가
point.

TUNER OPERATION

➔ [TUNER]

가 SWR 1.5:1
가 , [TUNER]

[TUNER]

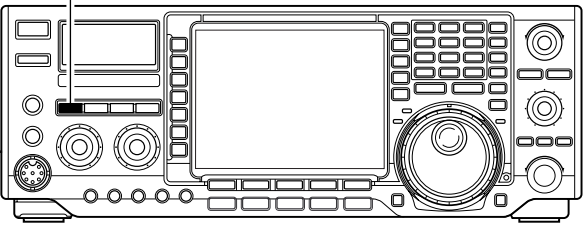


MANUAL TUNING

SSB

➔ [TUNER] 1
가 20
[TUNER] SWR 1.5:1
[TUNER] 가

Push [TUNER] for 1 sec.



AUTOMATIC TUNER START (HF bands only)

VSWR 1.5:1

SWR 1.5:1 (p. 101).

PTT TUNER START

가 PTT가 PTT가
1%) removes the
ush and hold [TUNER] operation and activates for
the st tranamission on a new frequency.
(p. 101).

NOTES:

- 가
- [ANT]
- SWR. (HF 3:1 ; 2.5:1)
- 50 MHz 8 W ; 50 MHz
- 15 W)
- /
- 가 SWR 1.5:1
- 50
- 가
- (가 ,)

Tuning a narrow bandwidth antenna

Suppose you have an antenna which has an SWR of 1.5:1 at 3.55 MHz and an SWR of 3:1 at 3.8 MHz.

- [TUNER]
- CW
- (pgs. 4, 66)
- [TRANSMIT]
- Set 3.55 MHz and key down.
- Set 3.80 MHz and key down.
- [TRANSMIT] 가

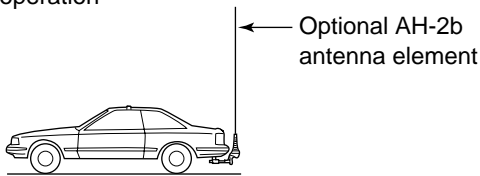
Optional external tuner operation

•AH-4/AH-3 HF AUTOMATIC ANTENNA TUNER

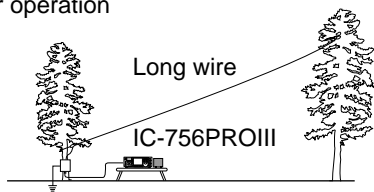
AH-4 IC-756PROIII 7m/23ft
 (3.5 MHz)
 AH-3 IC-756PROIII 3 m/10 ft (3.5 MHz
) 12 m/40 ft (1.8 MHz
)
 AH-4/AH-3 18
 AH-4/AH-3 AH-4/AH-3

AH-4/AH-3 setting example:

For mobile operation



For outdoor operation



⚠ DANGER: HIGH VOLTAGE!

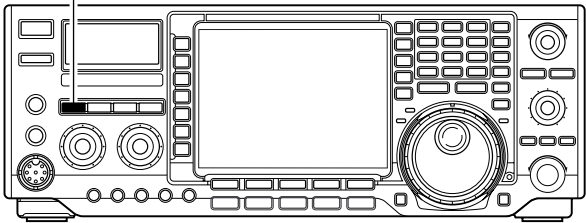
AH-4/AH-3
 가
 AH-4/AH-3
 AH-4/AH-3 ½

•AH-4/AH-3
 [ANT1] [ANT2], AH-4/AH-3
 AH-4/AH-3가
 LCD
 "ANT1(EXT)"가
 •AH-3 HF 가
 50 MHz

•AH-4/AH-3 operation

① AH-4 HF 50
 MHz AH-3
 HF
 •AH-4/AH-3

② [TUNER] 1
 • [TUNER]
 [TUNER]



③ [TUNER]
 • 가 , [TUNER]
 AH-4/AH-3
 AH-4/AH-3 가
 ④ AH-4/AH-3
 [TUNER] ..

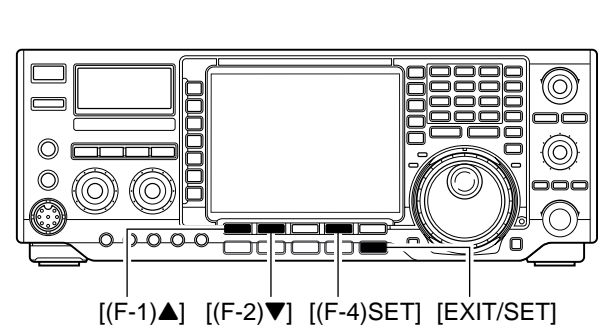
•ANTENNA TUNER OF THE IC-PW1

IC-PW1
 가
 가

■ Time set mode

24 ON/OFF 가 [(F-INP)ENT]

SQO



① [EXIT/SET]

② [EXIT/SET] 1

③ [(F-4)TIME]

④ [(F-1)▲] [(F-2)▼]

⑤

⑥ [EXIT/SET]

가

Time (Now)

24-

15:00

Push [(F-4)SET] to enter the time.

CLOCK2 Function

2 2
2 UTC

[(F-3)DEF] 1

ON

The clock 2 is displayed below the local time. (default)

OFF

The clock 2 does not display.

CLOCK2 Offset

2 -24:00 +24:00 5

0:00
(default)

+ 9:00

Rotate the tuning dial to set the time.

•[(F-3)DEF] 1

Timer Function

-ON ON OFF 가
-OFF "ON"

•[(F-3)DEF] 1

ON

The timer functions can be operated. (default)

OFF

The timer functions cannot be operated.

Power-ON Timer set

power-on

15:00

Push [(F-4)SET] to enter the time.

Power-OFF Period

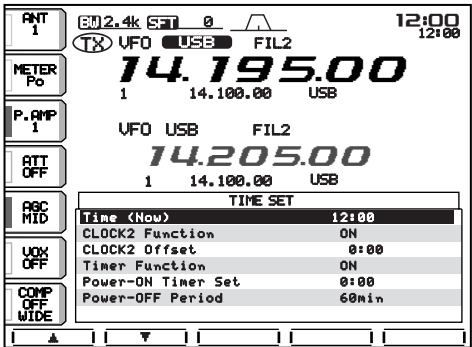
power-on 가
power-off

60min

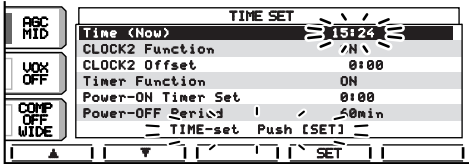
Push [(F-4)SET] to enter the time.

◇ Setting the current time

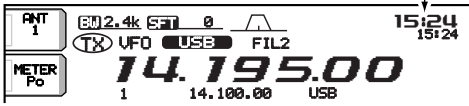
① 가 ,[(F-1)▲]



② "TIME set Push [SET]"



③ [(F-4)SET] 가
• Push [EXIT/SET] to cancel the setting.
Set time appears.



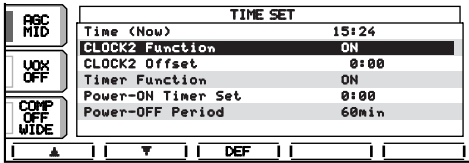
④ [EXIT/SET]

◇ Clock2 function activity

① CLOCK2 가 [(F-1)▲] [(F-2)▼]

②

③ [EXIT/SET]

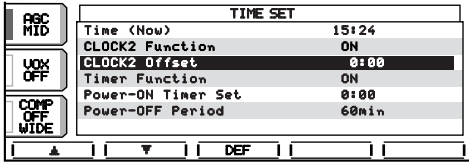


◇ Clock2 offset setting

① CLOCK2 가 [(F-1)▲] [(F-2)▼]

② -24:00 +24:00

③ [EXIT/SET]



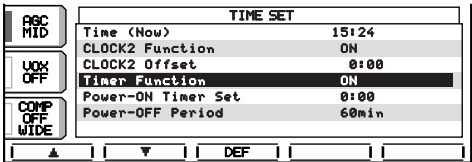
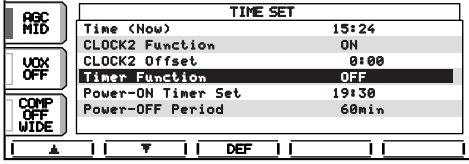
◇ Timer function activity

ON OFF

① 가 [(F-1)▲] [(F-2)▼]

ON : [POWER] ()

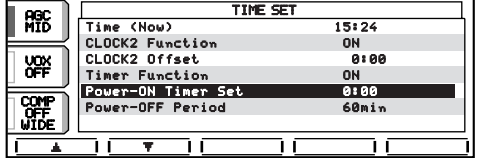
OFF : [POWER] ()

③ [EXIT/SET]

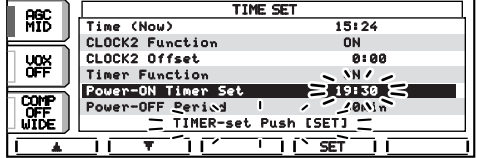
◇ Setting power-on time

① Power-ON 가 [(F-1)▲] [(F-2)▼]



② power-on

• "TIMER set Push [SET]" 가



③ [(F-4)SET] 가

• [EXIT/SET]

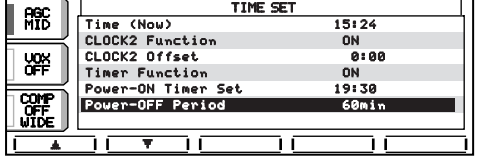
④ [EXIT/SET]

◇ Setting power-off period

power-on

power-off time 5 120 min 5 min

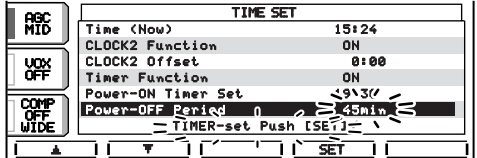
① Power-OFF time 가 [(F-2)▼]



② power-off

time

• "TIMER-set Push [SET]" 가



③ [(F-4)SET] 가

• [EXIT/SET]

④ [EXIT/SET]

◇ Timer operation

① power-on power-off

② [POWER] tion ON.

• [POWER]

③ [POWER] 1

• [POWER]

④

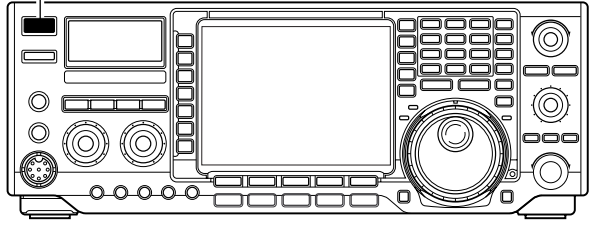
⑤ power-off 가 10

• 가 [POWER] 가

• power-off [POWER]

가

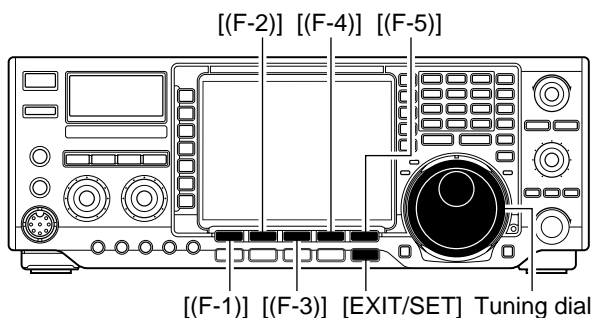
[POWER]



■ Set mode description

(miscellaneous)

• Set mode operation



① [EXIT/SET]

② [EXIT/SET] 1

③ [(F-1)LEVEL], [(F-2)DISP], [(F-3)DSP], [(F-4)TIME] [(F-5)OTHERS]

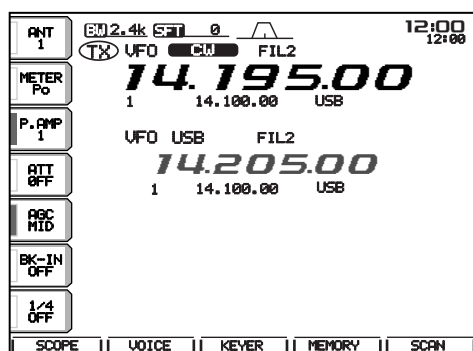
④ , 가 (others) , [(F-5)WIDE] wide normal

⑤ [(F-1)▲] [(F-2)▼]

⑥ •[(F-3)DEF] 1

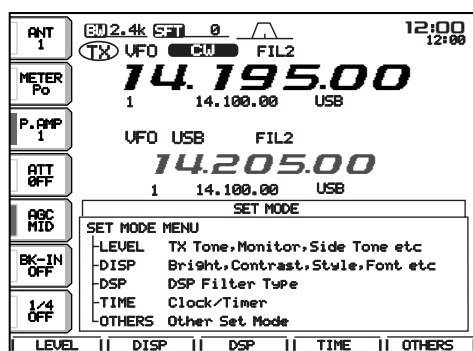
⑦ [EXIT/SET]

• Start up screen

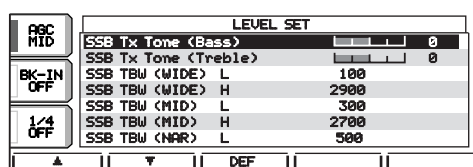


Push
[EXIT/SET]
for 1 sec.

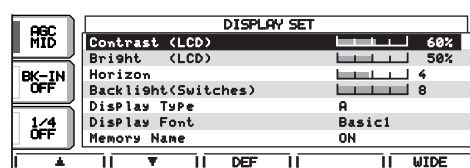
• Set mode menu screen



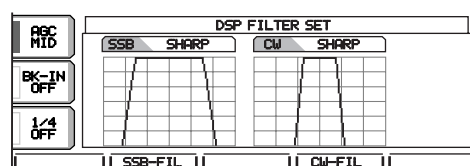
• Level set mode (p. 95)



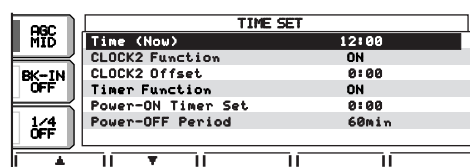
• Display set mode (p. 97)



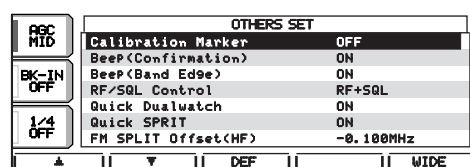
• DSP set mode (p. 99)



• Time set mode (p. 91)




• Miscellaneous (others) set mode (p. 99)




■ Level set mode

SSB Tx Tone (Bass)

SSB1dB-5dB0dB

0 dB (default)

SSB Tx Tone (Treble)

SSB-5dB+5dBtreble1dB0dB

0 dB (default)

SSB TBW (WIDE) L

wide100

100 Hz (default)

Lower freq. : 100 (default), 300 and 500 Hz

SSB TBW (WIDE) H

These items set the transmission passband width for wide setting by selecting the lower and higher frequencies.
Higher freq.: 2500, 2700 and 2900 Hz (default)

2900

2900 Hz (default)

SSB TBW (MID) L

These items set the transmission passband width for middle setting by selecting the lower and higher frequencies.
Lower freq. : 100, 300 (default) and 500 Hz

300

300 Hz (default)

SSB TBW (MID) H

These items set the transmission passband width for middle setting by selecting the lower and higher frequencies.
Higher freq.: 2500, 2700 (default) and 2900 Hz

2700

2700 Hz (default)

SSB TBW (NAR) L

These items set the transmission passband width for narrow setting by selecting the lower and higher frequencies.
Lower freq. : 100, 300 and 500 Hz (default)

500

500 Hz (default)

■ Level set mode (continued)

SSB TBW (NAR) H		2500
		2500 Hz (default)
Lower freq. : 2500 (default), 2700 and 2900 Hz		

Monitor Level		
100%	IF	1% 0% 50%
		50% (default)
See p. 70 for details.		

Side Tone Level		
CW	11 1	100% 50%
		50% (default)
See p. 70 for details.		

Side Tone Level Limit		
CW		ON OFF
CW control	[AF]	CW side tone level is limited with [AF] (default)
[AF]control	CW	CW side tone level is linked to [AF]
가		

Beep Level		
100%	1% 0%	50%
	OFF	50% (default)
가		

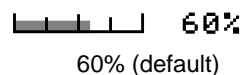
Beep Level Limit		
		ON OFF
[AF]control	[AF]control	Beep level is limited with [AF] (default)
가		Beep level is linked to [AF]

■ Display set mode

LCD
 LCD 가
 (가 10). LCD
 LCD

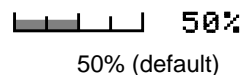
Contrast (LCD)

LCD contrast 1% 0% 100%



Backlight (LCD)

LCD 1% 0% 100%



Horizon

LCD 1 8



Horizontal position is 5. (default)

Backlight(Switches)

1 - 8



Backlight level is 8. (Maximum; default)

Display Type

LCD . 8
: A, B, C, D, E, F, G, H.

A

A-type LCD screen (default)

Display Font

7 : Basic1, Basic2, Pop,
7seg (7 segment numeral), Italic 1, Italic 2 and Clas-
sic.

Italic2

Italic 2 font (default)

Memory Name

ON OFF

ON

OFF

Memory name is displayed.
(default)

Memory name is not displayed.

See p. 81 for details.

■ Display set mode (continued)

Screen Saver Function

15 , OFF

60 , 30 , 60 min

Screen saver function activates after 60 minute of inactivity. (default)

30 min

Screen saver function activates after 30 minute of inactivity.

15 min

Screen saver function activates after 15 minute of inactivity.

OFF

Screen saver function is OFF.

My Call

ON

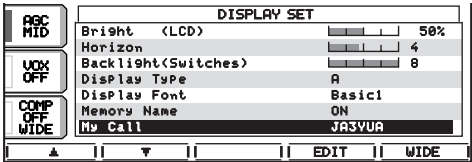
.10

(-/?)

① [EXIT/SET]

② [EXIT/SET] 1 [(F-2)DISP]

③ [(F-2)▼] "My Call"

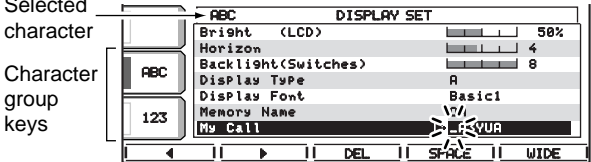


④ [(F-4)EDIT]

가

Selected character →

Character group keys



⑤


- [ABC]
- [123] [etc]
- [(F-1)◀] [(F-2)▶]
- [(F-3)DEL]
- [(F-4)SPACE]

⑥ [EXIT/SET]

- 가

⑦ [EXIT/SET]

•Opening screen example



DSP filter set mode

To suit your operating style, the type of DSP filter shape for SSB and CW can be selected.

- ① Push the [EXIT/SET] several times to close a multi-function screen, if necessary.
- ② Push the [EXIT/SET] switch for 1 sec. to enter set mode.
- ③ Push the [(F-3)DSP] switch to enter the DSP filter set mode.
- ④ Push one of [(F-2)SSB-FIL] or [(F-4)CW-FIL] to select the desired DSP filter shape from sharp and soft for SSB or CW mode, respectively.
- ⑤ Push [EXIT/SET] twice to exit the DSP filter set mode.

The diagram illustrates the navigation within the DSP FILTER SET mode. It shows a top screen with 'SSB SHARP' and 'CW SHARP' filter shapes. Below this are 'SSB-FIL' and 'CW-FIL' buttons. Pressing 'F-2' leads to the 'SSB SOFT' screen, and pressing 'F-4' leads to the 'CW SOFT' screen. Arrows indicate that pressing the respective 'SSB-FIL' or 'CW-FIL' buttons again returns the user to the top 'DSP FILTER SET' screen.

Miscellaneous (others) set mode

Calibration Marker

ON
Calibration marker ON

OFF
Calibration marker OFF (default)

See p. 109 for calibration procedure.

Calibration marker Off

Beep (Confirmation)

OFF

ON
Confirmation beep ON (default)

OFF
Confirmation beep OFF

(p. 96)

Beep (Band Edge)

가

ON
Band edge beep ON (default)

OFF
Band edge beep OFF

RF/SQL Control

[RF/SQL] control RF/ RF (RF)	RF+SQL [RF/SQL] control as RF/squelch control (default)
	SQL [RF/SQL] control as squelch control
	AUTO [RF/SQL] control as RF gain control in SSB, CW and RTTY; squelch control in AM and FM

See pgs. 2, 30 for details.

Quick Dualwatch			
on	[DUALWATCH]	ON	OFF
2	가	Quick dualwatch ON (default)	Quick dualwatch OFF
See p. 63 for details.			

Quick SPLIT

ON	[SPLET]	2	ON	OFF
	가	.	Quick split ON (default)	Quick split OFF

See p. 72 for details.

The diagram illustrates the FM SPLIT Offset(HF) configuration. It shows a horizontal frequency axis with a center point labeled 'HF'. To the left of HF, there is a point labeled '-0.100MHz' with the text 'Minus 0.1 MHz offset (default)' below it. To the right of HF, there is a point labeled '-4.000MHz' with the text 'Minus 4.0 MHz offset' below it. The axis is marked with '+4MHz' on the far left, '1kHz' near the center, and '-4MHz' on the far right. A bracket indicates the range from -4MHz to +4MHz.

The diagram illustrates the frequency offsets for FM SPLIT. It shows a central frequency with two main offsets: -0.500MHz (Minus 0.5 MHz offset, default) and +4.000MHz (Plus 4.0 MHz offset). Below these, a 50MHz range is indicated, with a 1kHz offset shown between -4MHz and +4MHz.

SPLIT LOCK

ON	OFF
[XEC]	
Split lock function ON	Split lock function OFF (default)

See p. 71 for split frequency operation details.

■ Miscellaneous (others) set mode (continued)

Tuner (Auto Start)			
HF	SWR	1.5 - 3	ON
			Automatic tuner start
			ON
"OFF"	SWR	(1.5 - 3)	OFF
OFF			Automatic tuner start
가 OFF			OFF (default)

Tuner (PTT Start)	
Tuning of the internal antenna tuner can be started automatically at the moment the PTT is pushed after the operating frequency is changed (more than 1% from last-tuned frequency).	
ON	OFF
Automatic PTT start	Automatic PTT start
ON	OFF (default)

[ANT] Switch	
You can set the antenna connector selection to automatic, manual or non-selection (when using 1 antenna only).	
Auto	Antenna switch is activated and the selection is automatically memorized. (default)
Manual	Antenna switch is activated.
OFF	Antenna switch is deactivated and [ANT1] is always selected.
When auto is selected, the antenna switch is activated and the band memory memorizes the selected antenna. See p. 88 for details.	
When manual is selected, the antenna switch is activated and selects an antenna manually.	
When OFF is selected, the antenna switch is not activated and does not function. The [ANT1] connector is always selected in this case.	

RTTY Mark Frequency	
This item selects the RTTY mark frequency. RTTY mark frequency is switched between 1275, 1615 and 2125 Hz.	
2125	1275
2125 Hz RTTY mark frequency (default)	1275 Hz RTTY mark frequency

RTTY Shift Width	
This item adjusts the RTTY shift width. There are selectable values: 170, 200 and 425 Hz.	
170	425
170 Hz RTTY shift frequency (default)	425 Hz RTTY shift frequency

RTTY Keying Polarity	
This item selects the RTTY keying polarity. Normal reverse keying polarity can be selected.	
Normal	Reverse
Normal polarity (default)	Reverse polarity
When reverse polarity is selected, Mark and Space are reversed.	
- Normal : Key open/close = Mark/Space	
- Reverse : Key open/close = Space/Mark	

■ Miscellaneous (others) set mode (continued)

SPEECH Language

When the optional UT-102 VOICE SYNTHESIZER UNEnglish
installed, you can select between English and Japanese
ese as the language.

Japanese

Japanese announcement

English announcement
(default)

See p. 105 for unit installation.

SPEECH Speed

When the optional UT-102 VOICE SYNTHESIZER UNHIGH
installed, you can select between faster or slower
synthesizer output.

LOW

Slower announcement

Faster announcement
(default)

See p. 105 for unit installation.

SPEECH S-Level

When the optional UT-102 VOICE SYNTHESIZER UNON
installed, you can have frequency, mode and signal
level announcement. Signal level announcement can
be deactivated if desired.

OFF

No signal level
announcement

Signal level announcement
(default)

When FF is selected, the signal level is not an-
nounced.

See p. 105 for unit installation.

MemoPad Numbers

This item sets the number of memo pad channels
available. 5 or 10 memo pads can be set.

10

10 memo pads

5 memo pads
(default)

■ *Miscellaneous (others) set mode (continued)*

MAIN DIAL Auto TS		
HIGH	.	Auto tuning step is turned ON. Fastest tuning step during rapid rotation (default)
LOW	,	Auto tuning step is turned ON. Faster tuning step during rapid rotation
OFF	.	Auto tuning step is turned OFF.

MIC UP/Down Speed			
[UP]/[DN]	가	HIGH	LOW
가	·	High speed (default, 50 tuning steps/sec.)	Low speed (25 tuning steps/sec.)

Quick RIT/ Δ TX Clear	
ON	OFF
Clears the RIT/ Δ TX frequency when [CLEAR] is pushed momentarily.	Clears the RIT/ Δ TX frequency when [CLEAR] is pushed for 1 sec. (default)

SSB/CW Synchronous Tuning

ON OFF

가 SSB 가 CW

The displayed frequency shifts when the operating mode is changed between SSB and CW.

CW Normal Side		
LSB	USB	CW
	.	
	The carrier point is set to LSB side. (default)	
		The carrier point is set to USB side.

Miscellaneous (others) set mode (continued)

External Keypad

Auto

Pushing one of external keypad switches, transmits the desired voice memory during a phone mode (SSB, AM or FM), or memory keyer contents during CW mode operation.

VOICE PLAY(TX)

Pushing one of external keypad switches, transmits the desired voice memory contents during a phone mode operation.

KEYER SEND

Pushing one of external keypad switches, transmits the desired keyer memory contents during CW mode operation.

OFF

External keypad does not function. (default)

For your information

The following diagram shows the equivalent circuit of an external keypad and connects to the pin 3 and pin 7 of the [MIC] connector (p. 18).

CI-V Baud Rate

9600, 19200 bps "Auto" . 300, 1200, 4800, **Auto** **19200**

"Auto" , Auto baud rate (default) 19200 bps

12

CI-V Address

Icom , CI-V 6Eh 7Fh

The IC-756PROIII 가 .in hexadecimal code Address of 6Eh (default) Address of 7Fh

2 IC-756PROIII가 CT-17 CI-V LEVEL

CONVERTER 01h 7Fh IC-756PROIII

CI-V Transceive

Icom HF **ON** **OFF**

IC-756PROIII 가 Transceive ON (default) Transceive OFF

"ON" , IC-756PROIII

() 가

CI-V with IC-731

IC-756PROIII IC-735 **ON** **OFF**

4 4 bytes of frequency data 5 bytes of frequency data (default)

• IC-735

"ON"