

## New Style, Slim & Smart Wideband Receiver

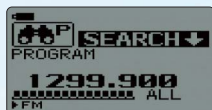
### Menu-Driven User Interface and Easy-to-See Category Icons

The 4-Way cursor buttons provide quick and easy navigation.



### One-Touch Search Button

Easily detects new active channels within a designated frequency range or fixed category.

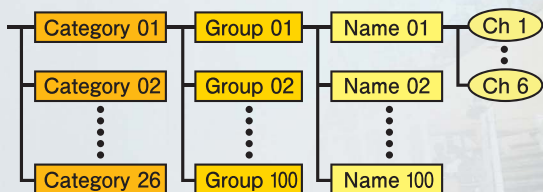


### One-Touch Scan Button

The link scan dynamically adds and deletes a category or a group to the scan list, even while scanning.

### Efficient 3-Level Memory Management

A total of 1600 memory channels can be classified in 3 levels: by "Category" (up to 26 categories), by "Group" (up to 100), and "Memory name" (up to 100).



### Computer Programmable with Optional CS-RX7 Software

### 0.150-1300MHz Wide Frequency Coverage

(\* Cellular blocked in the USA version)

### Slim, Stylish and Light Weight

Only 23 mm (29/32 in) slim depth and weighing just 200g (7.1oz (approx) with BP-244 and antenna).

### Tone control function and audio filter\*

(\* AM/WFM mode only)



## Other features

- Splash resistant construction equivalent to IPX4
- Large, backlit full dot-matrix display
- High speed scan and high speed search (100ch/sec.)
- CTCSS/DTCS decode with pocket beep function
- VSC (Voice Squelch Control)
- Built-in RF-gain control and attenuator
- Built-in AM bar antenna
- Earphone antenna function for FM broadcast RX
- VFO mode operation
- CI-V PC remote control capability with optional CT-17
- Weather alert function (USA version only)
- Auto power save function
- DC power jack for external DC operation

## SPECIFICATIONS

### GENERAL

- Frequency coverage : 0.150–1300.000MHz\*  
(\* Cellular blocked in the U.S.A. version.)
- Mode : AM, FM, WFM
- No. of memory channels: 1825 (1600 regular, 25 scan edges and 200 automatic write memory)
- Usable temperature range : -10°C to +60°C  
; +14°F to +140°F
- Frequency stability : ±6ppm (-10°C to +60°C)
- Tuning steps : 5, 6.25, 7.5, 8.33\*, 9\*, 10, 12.5, 15, 20, 25, 30, 50, 100, 125 and 200kHz  
(\* Selectable depending on operating bands.)
- Battery requirement : 3.7V DC (with BP-244)  
4.5V DC (LR6 (AA) ×3 cells with BP-262)
- External power supply : 5.1–6.9V DC (with CP-18A/E)
- Current drain (at 3.7V DC) :  
Rated audio 150mA typ. (Backlight off)  
Stand-by 100mA typ. (Backlight off)  
Power save 35mA typ. (Duty=1:4)

- Antenna impedance : 50Ω (SMA)
- Dimensions (W×H×D) : 57×128×23 mm;  
(projections not included) 2¼×5½×29½ in
- Weight (approx.) : 200g; 7.1oz  
(With BP-244 and antenna)

### RECEIVER

- Intermediate frequencies :  
FM, AM 429.1, 19.65, 0.450MHz  
WFM 429.1, 20.75, 1.55MHz
- Sensitivity (except spurious points) :  
FM (12dB SINAD, 1kHz, 3.5kHz deviation)  
1.625– 4.995MHz Less than 0.56µV  
5.000–246.995MHz Less than 0.4µV  
247.000–832.995MHz Less than 0.56µV  
833.000–1300.000MHz\* Less than 0.79µV  
(\* USA version only)  
851.000–866.995MHz Less than 1.3µV  
896.000–1300.000MHz Less than 0.79µV  
WFM (12dB SINAD, 1kHz, 52.5kHz deviation)  
76.000–108.000MHz Less than 1.8µV  
175.000–221.995MHz Less than 1.8µV  
470.000–770.000MHz Less than 2.5µV

- AM (10dB S/N, 1kHz 30% modulation with external antenna)  
0.495– 4.995MHz Less than 2.5µV  
5.000–29.995MHz Less than 1.8µV  
118.000–136.000MHz Less than 1.8µV  
222.000–246.995MHz Less than 1.8µV  
247.000–329.995MHz Less than 1.8µV

- Selectivity :  
FM, AM More than 15kHz/–9dB  
Less than 30kHz/–60dB  
More than 150kHz/–6dB  
WFM More than 150kHz/–6dB
- AF output power : More than 60mW  
(at 3.7V DC, 10% distortion, 70% modulation with an 8Ω load)
- External SP connector : 3-conductor 3.5 (d) mm  
(½") /8Ω

### Supplied accessories

- Battery pack, BP-244\*
- Belt clip, MB-112G
- Handstrap
- \* Depending on version
- Antenna, FA-S270C
- AC adapter BC-149A/D, 153SA\*

All stated specifications are subject to change without notice or obligation.

## OPTIONS

- **BP-244** 3.7V/1100mAh Li-Ion BATTERY PACK  
Provides 8 hours of continuous receive capability.  
(at rated audio, backlight off)
- **BP-262** BATTERY CASE  
Battery case for LR6 (AA)×3 cells.
- **BC-149A/D, BC-153SA** WALL CHARGERS  
6V DC, 1A output. Same as supplied.
- **CP-18A/E** CIGARETTE LIGHTER CABLE  
6V DC, 2A output from 12V cigarette lighter socket.
- **CS-RX7 CLONING SOFTWARE**  
Use a PC to easily edit stored memory channel data.  
OPC-478UC, USB cable is included.
- **CT-17** CI-V LEVEL CONVERTER  
For receiver remote control from a PC.
- **OPC-474** CLONING CABLE  
Used for receiver-to-receiver data cloning.
- **OPC-478/UC** CLONING CABLES  
OPC-478: RS-232C type. OPC-478UC: USB type.
- **HP-4** HEADPHONE  
Light weight monaural headphone.
- **SP-13** EARPHONE  
Provides clear audio even in noisy environments.
- **MB-112G** BELT CLIP Same as supplied.
- **LC-170** CARRYING CASE  
Helps protect the receiver from scratches, etc.
- **AD-92SMA** ANTENNA CONNECTOR ADAPTER  
Allows you to connect a BNC-type antenna.



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