

VHF FM TRANSCEIVER

FT-4VR

Reliable Handheld Transceiver

VHF FM High Performance Two-Way Radio



Ultimate Compact Design
5 Watts of Reliable RF Power
Rugged Construction

Powerful and Clear Audio

1W of Audio for operation in noisy environments.

Quick Recall Keys

Easy Access to User Selected Features

Valuable Features

3.5 Hours Rapid Rate Charger

VOX Ready for hands-free operation

FM Radio Broadcast Receiver

Lockout Capabilities, Keypad/PTT Lockout

Emergency Operation (Alarm, SOS Flash)

YAESU

Radio Features:

- Compact Design, Measuring W 52.0 mm x H 90.0 mm x D 30.0 mm
 - 5 Watts of Reliable RF Power within a Compact body
 - Three Selectable TX Power settings (5 W (High)/2.5 W (Middle)/0.5 W (Low))
 - Over 9 hours Operating time with Supplied 1,750 mAh Li-Ion Battery pack *1
 - 3.5-Hour Rapid Charger (SBH-22) Included (Using SBR-28LI)
 - VOX Operation with Optional VOX Earpiece Microphone (SSM-512B)
- *1 (Tx) 6 sec. : (Rx)6sec. : (Standby) 48 sec Duty Cycle

Specifications

General

Frequency Ranges: RX 144.0000 - 147.0000 MHz
 TX 144.0000 - 147.0000 MHz
 FM Broadcast 65-108 MHz

Channel Steps: 5 / 10 / 12.5 / 15 / 20 / 25 / 50 / 100 kHz

Frequency Stability: ±2.5 ppm (−10 ° C to +60 ° C)

Emission Type: F2D, F3E, F2A

Antenna Impedance: 50 Ohms

Supply Voltage: Nominal: 7.4V DC, Negative Ground

Current Consumption:

- 190 mA (Receive) 200 mW Output (Approx. @7.4V)
- 95 mA (Standby, Saver Off)
- 23 mA (Standby, Saver On)
- 5 mA (Auto Power Off)
- 1.5 A (5 W Tx , 144 MHz) 7.4 V DC

Operating Temperature: − 20 ° C to + 60 ° C

Case Size: 52.0mm (W) x 90.0mm (H) x 30.0mm (D)
 (W/O knob and antenna)

Weight: 250 g with SBR-28LI and antenna

Transmitter

RF Power Output: 5.0 W (High) / 2.5 W (Middle) / 0.5 W (Low)
 (@ 7.4 V with SBR-28LI)

Modulation Type: Variable Reactance

Maximum Deviation: ±5.0 kHz

Spurious Emission: At least 60 dB down (@ High and Middle power)
 At least 50 dB down (@ Low power)

Microphone Impedance: 2 k Ohms

Receiver

Circuit Type: Direct-Conversion

Sensitivity : 0.2 μV for 12 dB SINAD (144 - 147 MHz, NFM)

Selectivity: 12 kHz / 35 kHz (−6 dB /−60 dB)

AF Output: 0.8 W @ 16 ohms for 10% THD (@ 7.4 V)
 (Internal SP Max Power 1 W)
 0.8 W @ 16 ohms for 10% THD (@ 7.4 V)
 (EXT SP Jack Max Power 1 W)

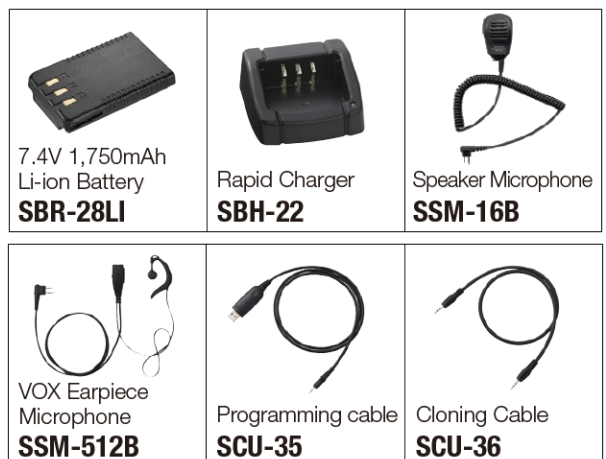
Specifications are subject to change without notice

Supplied Accessories

- SBR-28LI** 1,750mAh Li-ion Battery
- SBH-22** Rapid Charger
- SAD-20C** AC Adapter
- SHB-18** Belt Clip
- SRA-16N** Antenna
- Operating Manual
- Warranty Card

Available Options

- SCU-35** Programming Cable
- SCU-36** Cloning Cable
- SSM-16B** Speaker Microphone
- SSM-512B** VOX Earpiece Microphone



YAESU MUSEN CO., LTD. <http://www.yaesu.com/jp>

Tennozu Parkside Building

2-5-8 Higashi-Shinagawa, Shinagawa-ku, Tokyo, Japan