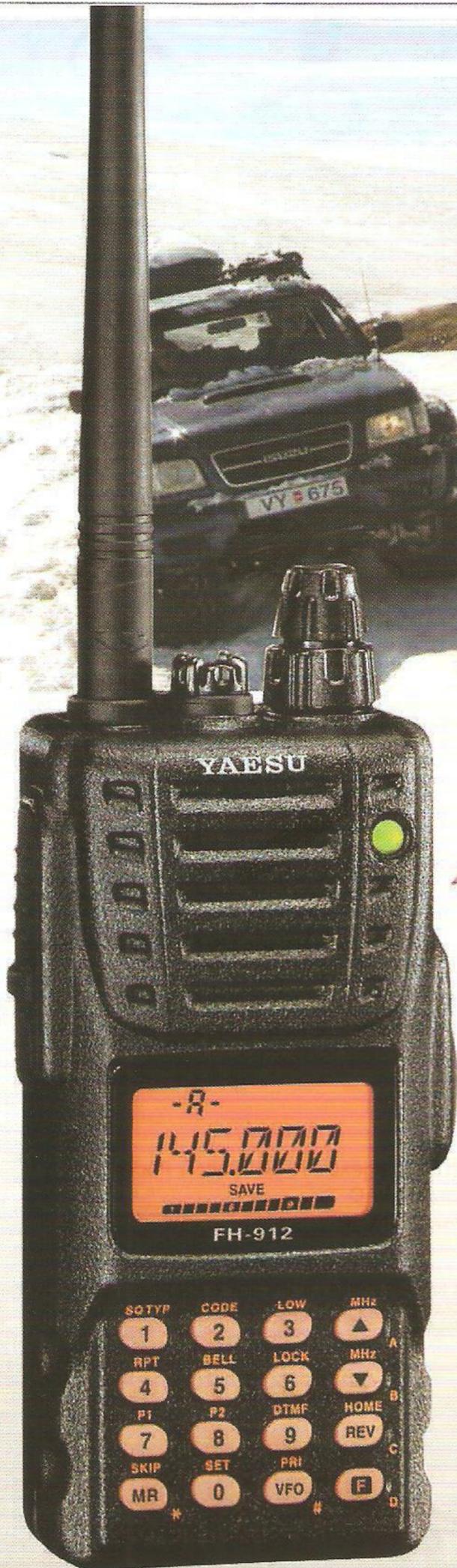
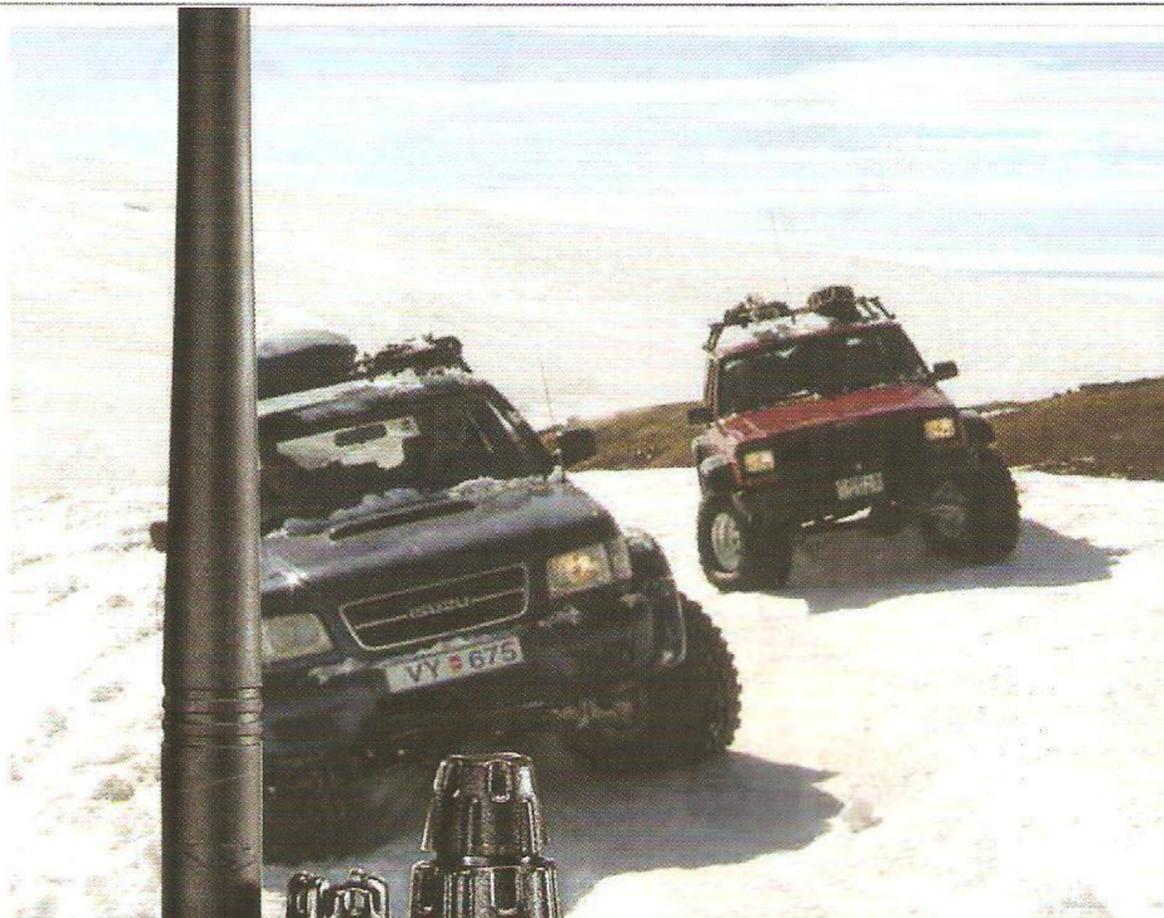


2 m FM Hand Held Transceiver

FH-912

(16 key Version)



NEW



Features

- 2m Band/ 5 W FM Transceiver
- High-performance FM hand-held
- **IPX7 Submersible 30 minutes @ 3 feet (1m)**
- Long Life Battery FNB-83 (7.2V/1400 mAh) included
- Huge Display (LCD)
- Security Password Feature
- Direct Keypad Frequency Entry
- Transmit Time-Out Timer (TOT)
- Automatic Power-OFF (APO)
- Vertex Standard's exclusive ARTS (Auto-Range Transponder System)
- RF Squelch Circuit
- 200 Standard Memory Channel with 10 Memory Bank
- Labeling Memories
- Dual Watch (Priority Channel Scanning)
- Emergency Channel
- Smart Search Memories
- DTMF Pager (Requires Optional FTD-7)
- BCLO
- Cloning
- Keypad/LCD Illumination
- **700 mW Internal Speaker**
- External DC Jack (6-16 V DC)

IPX7
 Submersible
 30 minutes @ 3 feet (1 m)

The waterproofing specification, applicable only when using the original FNB-83 Battery Pack or FBA-25A Battery Case, are only guaranteed if the transceiver case and gaskets are in original, undamaged condition. Inspect the case and gaskets often, and replace them, if damaged, to ensure waterproofing integrity.

FH-912 2m FM Hand Held Transceiver

The FH-912 are compact, high-performance FM Hand-Helds providing up to five Watts of RF power and a wealth of convenience features for the 2-meter Amateur band.

New and exciting features of the FH-912 are Enhanced Paging and Code Squelch (EPCS), that allows you to page a particular station and only receive calls from that station, if desired; and a security Password feature, that will allow you to turn on and operate your transceiver only after you enter your Password.

SPECIFICATIONS

General	
Frequency Ranges	RX 144-146 MHz TX 144-146 MHz
Channel Steps	5, 10, 12.5, 15, 20, 25, 50, 100 kHz
Frequency Stability	+5 ppm (-10° C to +60° C)
Repeater Shift	±600 kHz
Emission Type	F2D, F3E
Antenna Impedance	50 Ω
Supply Voltage	Nominal: 7.2 V DC, Negative Ground Operating: 6.0 ~16 V, Negative Ground(EXT DC JACK) 11~16 V, Neg. Ground (EXT DC JACK while Charging)
Current Consumption	165 mA (Receive) 200mW Output 45 mA (Standby, Saver Off) VHF 20.5 mA (Standby, Saver On) 8 mA(Auto Power Off) 1.5 A (5 W Tx 7.2 V DC)
Operating Temperature	-4° F to +140° F (-20° C to +60° C)
Case Size	2.4" x 4.7" x 1.3" WHD (60 x 120 x 32 mm)
Weight	13.8 oz. (390 g) with FNB-83 & antenna

Transmitter

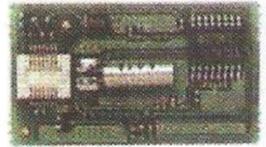
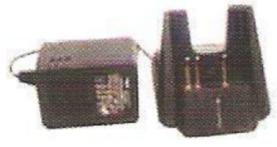
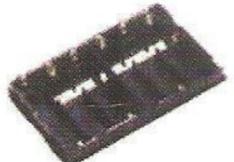
RF Power Output	High 5 W (@ 7.2 V FNB-83) Mid 2 W (@ 7.2 V FNB-83) Low 0.5 W (@ 7.2 V FNB-83)
Modulation Type	Variable Reactance F2D, F3E (16K0F3E)
Maximum Deviation	±5 kHz F2D, F3E
Spurious Emissions	At least 60 dB down (High & Mid) At least 40 dB down (Low)
Microphone Impedance	2 kΩ
Audio distortion	Less than 5% @ 1kHz

Receiver

Circuit Type	Double-Conversion Superheterodyne
Intermediate Frequencies	1st : 21.7 MHz 2nd: 450 kHz
Sensitivity	0.2 μV for 12 dB SINAD
Selectivity	Typical 60 dB
AF Output	700 mW @ 16 Ω for 10 % THD (@ 7.5 V) Internal SP 400 mW @ 8 Ω for 10 % THD (@ 7.5 V) EXT SP Jack
Spurious Response	Typical 60 dB
Intermodulation	Typical 70 dB

About this brochure: we have made this brochure as comprehensive and factual as possible. We reserve the right, however, to make changes at any time in equipment, optional accessories, specifications, model numbers, and availability. Precise frequency range may be different in some countries. Some accessories shown herein may not be available in some countries. Some information may have been updated since the time of printing; please check with your Authorized Yaesu Dealer for complete details.

ACCESSORIES & OPTIONS

 CMP460A Waterproof Speaker/Microphone	 MH-57A4B Mini Speaker/Microphone	 VC-27 Ear piece/Microphone
 VC-24 VOX Headset	 CT-91 Microphone Adapter	 FTD-7 DTMF Paging Unit
 VAC-10 3-Hour Rapid Desktop Charger	 NC-88C 10-Hour Charger	 FBA-25A Dry Cell Battery Case for 6 AA-size cells
 E-DC-5B DC Cable w/ Cigar Adapter	 E-DC-6 DC Cable: plug and wire only	 CN-3 BNC-to-SMA Adapter

• Accessories Supplied

FNB-83 7.2 V, 1400 mAh Rechargeable Ni-MH Battery Pack
Belt Clip
Antenna

• Available Options

FNB-83 7.2 V, 1400 mAh Rechargeable Ni-MH Battery Packs
NC-88C 10-Hour Charger/234 VAC
VAC-10 3-Hour Rapid Desktop Charger

Vertex Standard
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