

HEAVY DUTY VHF FM TRANSCEIVER

FM-9012

2M FM MOBILE TRANSCEIVER



บริษัท ฟูลสเกล ทรานซ์ฟเวอร์ จำกัด
FULLSCALE TRANSCEIVER CO.,LTD.
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New



 **YAESU**

FM-9012 2M FM MOBILE COMMUNICATIONS SPECIFICATIONS

General	
Frequency Range :	144 - 146 MHz
Channel Step :	5/10/12.5/20/25/50/100 kHz
Standard Repeater Shift :	±600 kHz
Frequency Stability :	Better than ±10 ppm (-20°C to +60°C)
Modes of Emission :	F2D, F3E
Antenna Impedance :	50 Ohms, unbalanced
Supply Voltage :	13.8 V DC ±15%, negative ground
Current consumption :	RX : less than 0.7 A, less than 0.3 A (squelched) TX : 5A(10W) / 4A(5W)
Operating Temperature Range :	-4°F to +140°F (-20°C to +60°C)
Case Size :	140 x 40 x 146 mm w/o knobs and connectors
Weight (Approx.) :	1.2 Kg

Transmitter	
Output Power :	10 W / 5 W
Modulation Type :	Variable Reactance
Maximum Deviation :	±5 kHz (Wide) ±2.5 kHz (Narrow)
Spurious Radiation :	Better than -60 dB
Microphone Impedance :	2 k-Ohms

Receiver	
Circuit Type :	Double Conversion Superheterodyne
Ifs :	21.7 MHz & 450 kHz
Sensitivity (for 12 dB SINAD) :	Better than 0.2 µV
Selectivity :	>80 dB@ 25 kHz >75 dB@ 12.5 kHz
IF Rejection :	Better than 70 dB
Image Rejection :	Better than 70 dB
Maximum AF Output :	3 W into 4 Ohms @10% THD



Specifications and subject to change without notice or obligation.

PLUS FUNCTIONS

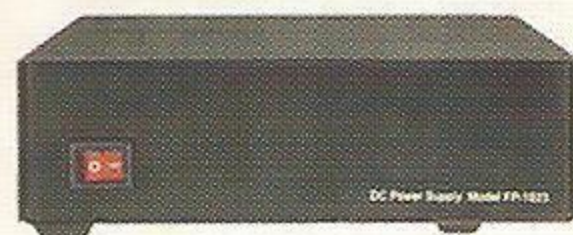
- Keyboard Frequency Entry from Microphone
- Four user-programmable "SOFT" keys on Microphone
- Illuminated Front Panel keys for Nighttime use
- Memory Channels with Alpha-Numeric Labeling
- Eight Memory Banks for Organizing Memory Channels
- Adjustable Mic Gain, and Wide/Narrow Deviation & RX Bandwidth
- Enhanced Paging and Code Squelch System (EPCS)
- CW Trainer : Practice Morse code Between QSOs!
- Security Password helps Prevent Unauthorized use
- One-Touch Access to WiRES-II™ VoIP Internet Linking!

And much, much more.....

- Big Three Watts of Audio Output
- Automatic Repeater Shift (ARS)
- Automatic Power-Off (APO)
- Busy Channel Lock Out (BCLO)
- Dual Watch
- Multi-level Display Dimmer
- RF-level Squelch
- Advanced Track Tuning (ATT) for excellent Intermod rejection
- Time-Out Timer (TOT)
- ARTS™ (Auto-Range Transponder System)
- DTMF Auto-dialer
- Smart Search™ Automatic Memory Loading
- Versatile VFO and Memory Scanning



MLS-100
High-Power External Speaker



FP-1023 (U.S.A. only)
AC Power Supply (23A)
FP-1025A (U.S.A. only)
AC Power Supply (25A)



FP-1030A
AC Power Supply (25 A)



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For the latest Yaesu news, visit us on the Internet:
<http://www.vxstd.com>

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