Ultra Rugged 50 W VHF FM Transceiver

FT-1802M/E*

*E for European Version

The ruggedly-built new FT-1802M brings you Yaesu's legendary mechanical toughness, along with outstanding receiver performance and crisp, clean audio that will get your message through!

- Rugged Die-cast Chassis
MEMORY CHANNELS

EIGHT MEMORY BANKS FOR ORGANIZING

221 MEMORY CHANNELS WITH

ALPHA-NUMERIC LABELING

The FT-1802M/E provides a total of 221 memory

channels, including 200 "regular" memories, ten

pairs of band-limit memories, and an instant-

recall "Home" channel that you may dedicate to a

frequently-used repeater or simplex frequency.

Memories can store repeater shift information, CCTCSS/DCS data, power output level, scanning

status ("Skip"), and 6-character Alpha-Numeric Labels.

EIGHT MEMORY BANKS FOR ORGANIZING

MEMORY CHANNELS

The FT-1802M/E’s memories may be separated

into as many as eight memory banks, for efficient

organizing and scanning of your radio’s memory

channels. Each memory bank may be labeled, and a particular channel may be stored in multiple

banks, if desired.

KEYBOARD FREQUENCY ENTRY FROM

MICROPHONE

Direct entry of operating frequencies from the supplied

MH-48AU Microphone provides the ultimate in

operating ease. The microphone may also be used

for direct memory channel access, and for generation of

DTMF tones for autopatch or Internet link access. And the

[AI]/[BI]/[CI]/[DI] keys may be used to replicate the functions of the front panel keys, as well.

FOUR USER-PROGRAMMABLE "SOFT" KEYS ON MICROPHONE

The [P1]/[P2]/[P3]/[P4] keys may be programmed by the user for easy remote access to often-used commands or Menu items.

ILLUMINATED FRONT PANEL KEYS FOR

NIGHTTIME USE

The translucent command keys, and large, high-

resolution LCD display, yield a front panel that is

easy to use day and night. What’s more, the microphone’s keys also are illuminated, eliminating

guesswork during nighttime operation.

WX CHANNELS WITH "SEVERE WEATHER" ALERT (USA only)

A special 10-channel Weather Band memory bank

is provided in the U.S. version, allowing quick access to

NWS weather broadcasts. When the 1050-Hz "Severe Weather" alert tone is transmitted, the

FT-1802M may be configured to emit an alarm tone

to get your attention quickly. And with the "Weather Alert" feature enabled, the FT-1802M

will scan the ten Weather memories periodically,

stopping only if the 1050-Hz tone is received.

ADJUSTABLE MIC GAIN, AND WIDE/NARROW

DEVIATION & RX BANDWIDTH

For operation in crowded channel environments

(12.5/15 kHz channel spacing), the "Narrow" deviation

setting will reduce the transmitter deviation, thus

reducing interference potential to other users. And the

microphone gain is adjustable allowing you to

interface after-market microphones or Packet

TNCs with ease.

BUILT-IN CCTCSS AND DCS ENCODER/DECODER CIRCUITS

For easy repeater access, or silent monitoring of busy

channels, both CCTCSS and DCS (Digital Code

Squelch) encoder/decoder circuits are built in. CCTCSS and DCS data can be independently

stored on each memory channel. And a "Split" tone mode

allows operation on systems where CCTCSS and DCS

are used separately on the repeater uplink/downlink.

ENHANCED PAGING AND CODE SQUELCH SYSTEM (EPCS)

The FT-1802M/E includes an Enhanced CCTCSS tone

encoder/decoder and a dedicated microprocessor

providing paging and selective calling features. This

allows you to place a call to a specific station

(Paging), and to receive calls of your choice directed

only to you (Code Squelch). A Bell Alarm may also be

engaged during EPCS operating, if desired.

CW TRAINER: PRACTICE MORSE CODE BETWEEN QSOs!

The FT-1802M/E provides a CW Training feature,

which sends random Morse Code via the sidetone

(heard in the speaker), so you can improve your

CW proficiency. You may select letters, numbers,

variable speed and instant feedback of correct

copy on the FT-1802M/E’s display!

SECURITY PASSWORD HELPS PREVENT UNAUTHORIZED USE

The FT-1802M/E provides a password feature which

can minimize the chance that your transceiver

could be used by an unauthorized party. When the

password feature is activated, the radio will

ask for the four-digit password to be entered

when the radio is first turned on. If the wrong

password is entered, the microprocessor will shut

down the radio automatically.

ONE-TOUCH ACCESS TO WIRES-II™ VoIP INTERNET LINKING!

The FT-1802M/E includes a conveniently-located

"Internet key," for quick access to Internet-linked

repeater systems such as the renowned WIRES-III

system developed by Vertex Standard! For more

information on WIRES-II, please visit our Web site

(www.vxstd.com).

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
interruption rejection
● Time-Out Timer (TOT)
● ARTS™ (Auto-Range Transponder System)
● DTMF Auto-dialer
● Smart Search™
● Automatic Memory Loading
● Versatile VFO and Memory Scanning

Specifications are subject to change without notice, and are guaranteed within the ratings defined in the

Supplied Accessories

MH-48AE/J DTMF Keypad Microphone
MMB-36 Mobile Mounting Bracket
DC Power Cord w/ Fuse

OPTIONS

MLS-100 High-Power External Speaker
FP-1023 (25A; USA only) AC Power Supply
FP-1030A (25A) AC Power Supply

For the latest Yaesu news, visit us on the Internet:
http://wwwVERTEXstandard.com