

FTM-200DR/E
50W 144/430MHz Dual Band C4FM/FM Mobile Transceiver
with High-Resolution Full-Color Display

Herxheim, 14. February 2022

We are pleased to introduce the new **FTM-200DR/E** – 50W VHF/UHF Dual Band C4FM/FM Mobile Transceiver.

The new **FTM-200DR/E** is a **C4FM Digital** multi-functional transceiver with a single receiver. The **FTM200DR/E** delivers reliable and stable **50W** transmit performance. The heavy-duty heat sink is equipped with **FACC (Funnel Air-Convection Conductor)**. The speaker delivers **3W** of clear and crisp receive audio which has been specifically tuned for radio communication. **2-inch Full-color display** provides high visibility and highlights the frequency of the operating band with selectable color – White, Blue or Red. Front panel of the **FTM-200DR/E** is detachable and can be mounted at the most desirable operating position. The new **FTM200DR/E** supports optional Bluetooth® wireless operation using the SSM-BT10 Headset or a commercially available Bluetooth® headset*.

YAESU PMG (Primary Memory Group) function in the **FTM-200DR/E** allows **PMG-SR Monitor (Primary Memory Group with a Single Receiver)**. The display frequency can register up to 5 PMG channels, regardless of the VFO or Memory channel operation. AUTO or MANUAL mode can be selected**.

1104 Memory channels can be programmed with 16-character alpha-numeric tags. The **MAG (Memory Auto Grouping)** function allows memory channels to be automatically categorized in each band, ALL, AIR, VHF, UHF and OTHER.

The C4FM digital communication features which are already popular in the market, such as **Automatic Mode Select (AMS)**, **Digital Group ID (DG-ID)** operation, and **Smart Navigation Function** are available with the new **FTM-200DR/E**. The **FTM-200DR/E** supports the Worldwide **WIRES-X** Internet Communication. A Fixed Node using an HRI-200, or a Portable Digital Node can be easily set up with the optional SCU-40 cable kit.

New **Custom Function List (CFL)** of the **FTM-200DR/E** quickly recalls a list of frequently used functions by simply pressing the [F Menu] key. 10 functions are listed by default, and up to 8 functions can be customized from the 124 items of the setup menu.

Some additional features of the **FTM-200DR/E** are: ●Wide-range 108MHz to 999.995MHz receive coverage ●High speed **Band Scope** (displays the receive status of up to 61 channels centered on the current VFO frequency or up to 21 channels in Memory Mode) ●VFO Band Skip Function ●**High-precision 66 channel GPS Receiver** ●1200/9600bps **APRS®** Data Communication ●VOX function ●Recording Function ●Snapshot Feature and ●microSD Card Slot.

**Requires the installation of an optional BU-4 unit.*

***FTM-200DR/E has only one receiver. While monitoring multiple registered channels, no receive audio is output. When the operating channel is active, the real-time reception on the other channels is not displayed.*

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FTM-200DE : C4FM/FM 50W 144/430MHz Dual Band Mobile Transceiver

Radio Features:

- **50W** Stable High-Power with Heavy Duty Heat Sink with **FACC** (Funnel Air-Convection Conductor) *Selectable 50W / 25W / 5W - **2-inch High-Resolution QVGA Full-Color TFT Display** and Demountable Front Panel Controller
- **3W** of Powerful, Clear and Crisp Audio Speaker
- Advanced C4FM Digital Mode with **AMS (Automatic Mode Select)**, **DG-ID** feature and **Smart Navigation**
- **PMG-SR Monitor (Primary Memory Group with a Single Receiver)** provides constant monitoring and communication on up to 5 channels with PMG *AUTO mode and MANUAL mode are selectable. Available at WiMo Germany
- **Custom Function List (CFL) Display** allows checking and immediately executing priority functions. Up to 8 functions or setting from the set-up menu can be registered.
- **MAG (Memory Auto Grouping)** Function allows Memory channels to be automatically categorized in ALL, AIR band, VHF band, UHF band and OTHER.
- **1104 Memory Channels** including 5 "Home" channels, 50 sets of memories for programmable memory scan and 999 "Basic" memories.
- **VFO Band Skip Function**
- High speed **Band Scope** function
*up to 61 channels centered on the current VFO frequency, and up to 21 channels in memory mode
- Memory Channel Data Transfer to the VFO Register
- Built-in 66ch High precision GPS receiver and External GPS device connectivity
- Wireless Operation Capability with the Bluetooth® Headset *Requires the installation of an optional Bluetooth® Unit BU-4
- WiRES-X Portable Digital Node / Fixed Node with HRI-200 available at WiMo Germany
- Snapshot Feature with the optional microphone MH-85A11U

- Voice Recording function for receive and transmit audio - micro SD Card Slot (up to 32GB)

Supplied Accessories:

- DTMF Microphone SSM-85D
- Radio unit Mounting Bracket
- Bracket for Controller
- Control Cable for operation with mounted front panel
- Control Cable 10ft (3m) for the operation with detached front panel
- USB Cable
- DC Power Cable
- Operating Manual



Specifications:

- Frequency Ranges:
 - A/B Band RX: 108 - 137MHz (Air Band)
 - 137 - 174MHz (144MHz HAM / VHF Band)
 - 174 - 400MHz
 - 400 - 480MHz (430MHz HAM / UHF Band)
 - 480 - 999.995MHz
 - TX: 144 - 146MHz, 430 - 440MHz
- Circuit Type: Double-Conversion Superheterodyne
- Modulation Type: F1D, F2D, F3E : Variable Reactance Modulation
F7W : 4FSK (C4FM)
- RF Power Output: 50W / 25W / 5W
- Memory Channels: 1104
- Case Size(W x H x D): Radio Unit 5.47" x 1.66" x 5.2" (139 x 42 x 132 mm)w/o Fan
Controller 5.47" x 2.09" x 0.7" (139 x 53 x 18 mm)w/o Knob
- Weight: 2.43lbs (1.1kg) with Radio Unit, Controller, Control Cable



FTM-200DE