

YAESU

The radio

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Dear Valued YAESU Distributors and Repair Service Centers:

Re: New Product Announcement – FT-70DR/E C4FM/ FM 144/430MHz Dual Band Handheld

We are pleased to announce the introduction of our new C4FM/FM VHF/UHF Dual Band 5W Handheld Transceiver – **FT-70DR/E**. The new **FT-70DR/E** is a compact and very attractively priced YAESU System Fusion transceiver providing both conventional analog FM operation and the advanced C4FM Digital mode.

The **FT-70DR/E** provides up to 5W of reliable RF power, and its large Front Speaker delivers 700mW of Loud Audio Output. Because C4FM has better BER (Bit Error Rate) characteristics than other digital modulations, the user can expect exceptional audio quality.

The new digital **FT-70DR/E** includes our unique Automatic Mode Select (AMS) function. AMS detects the operating mode of the received signal as C4FM digital or analog FM, and then automatically and instantly switches the receiver to the appropriate mode. Users do not need to manually change between modes.

The multi-colored LED Mode-Indicator displayed on the front allows the operator to easily see what mode the **FT-70DR/E** is in at any given moment. LED Mode-Indicator clearly and visibly shows the transmit/ receive mode by changing its color so that the operating mode of the transceiver is easily recognized at a glance.

One of the other distinguishing features of the **FT-70DR/E** is Digital Group Monitor (GM) with DG-ID and DP-ID. DG-ID (Digital Group Identification) and DP-ID (Digital Personal Identification) are useful features now included in the **FT-70DR/E**, to simplify the GM operation. Simply put, the transceivers selecting the same DG-ID or DP-ID can communicate with each other. Between 00 and 99 DG-ID and DP-ID are selectable; which provides loads of flexibility so that users can enjoy group communication with friends in GM mode in accordance to their individual operational needs.

Other included standard features and functions are; IP54 Rating (Dust/ Water Protection) construction, wide band receive coverage of 108 – 579.995MHz, Versatile Scanning Capabilities such as Programmable VFO Scan, Memory Scan, and Priority Channel Scan, External DC Jack for DC Supply Operation and to Charge the Battery, Mini USB port for convenient programming and software updates, CTCSS/ DCS Operation, Automatic Power Off (AFO) feature, RF Squelch, Transmitter Time Out Timer (TOT) and Busy Channel Lock-Out (BCLO).

For any further detailed information, please refer to the attached sheets.

We are very excited to launch the new **FT-70DR/E**, with the assurance that this competitively priced Digital handheld will allow more and more ham radio operators to enjoy our System Fusion communication mode on the popular 2m and 70cm bands. The new **FT-70DR/E** is certain to contribute to our Distributor's and Dealers' business with YAESU long after the product has been launched.

The **FT-70DR/E** will be available soon, and we look forward to receiving your orders soon. Thank you for your continued patronage of YAESU.

FT-70DR

2 m/70 cm Dual-Band Handheld

5 W C4FM/FM Dual Band Digital Transceiver

Radio Features:

- System Fusion Compatible
- FM Friendly Digital Operation with AMS (Automatic Mode Select)
- Sophisticated C4FM Digital Functions : Digital Group Monitor (GM) / DG-ID, DP-ID Operation *1
- *1 DG-ID: Digital Group Identification, DP-ID: Digital Personal Identification
- 5 Watts of Reliable RF Power inside a Compact body
- 700 mW Loud Audio Output and Clear Voice
- Large Multi-Color Mode Indicator
- Rugged Construction Meets IP54 (Dust / Water protection)
- Huge 1,105 Channel Memory
- Wide Band Receive Coverage 108 - 579.995 MHz
- Versatile Scanning Capabilities: Programmed VFO Scan, Memory Scan, Priority Channel Scan
- WX Channels with "Severe Weather" Alert (US version)
- 7.4 V 1,800 mAh Lithium Ion Battery pack (SBR-24LI) Included
- Equipped with External DC Jack for DC Supply and Battery Charge
- Equipped with Mini USB port for Convenient Memory Management and Software updates
- Transceiver-to-Transceiver Cloning with Optional Cloning Cable (CT-27)
- CTCSS/DCS Operation
- RF Squelch
- Automatic Power-Off (APO) Feature
- Transmitter Time-Out-Timer (TOT)
- Busy Channel Lock-Out (BCLO)



Supplied Accessories:

- Antenna
- 7.4 V 1,800 mAh Lithium Ion Battery Pack (SBR-24LI)
- Battery Charger (SAD-18B)
- Belt Clip
- USB Cable
- Warranty Card
- Operating Manual

Specifications:

Frequency Ranges: RX 108 - 137 MHz (Air Band)
137 - 174 MHz (144 MHz HAM)
174 - 222 MHz (VHF1)
222 - 420 MHz (VHF2)
420 - 470 MHz (430 MHz HAM)
470 - 579.995 MHz (UHF band)

TX 144 - 148 MHz (US ver.)/ 144 - 146 MHz (EU ver.)/ 137 - 174 MHz (EXP ver.)
430 - 450 MHz (US ver.)/ 430 - 440 MHz (EU ver.)/ 400 - 470 MHz (EXP ver.)

Circuit Type: Double-Conversion Superheterodyne
Modulation Type: F2D, F3E, F7W
RF Power Output: 5 W/2 W/0.5 W (@7.4 V or EXT DC)
AF Audio Output: 700 mW (@16 ohms 10 % THD: Internal speaker)
Case Size (W x H x D): 2.36" x 3.86" x 1.3" (60 x 98 x 33 mm) w/o Knob and Antenna
Weight (Approx.): 8.99 oz (255 g) with SBR-24LI and Antenna

Qty in Master Carton: 20
Warranty: 3 Years



FT-70DR/ E