Amateur Mobile Transceivers

KENWOOD

**TM-V71A**
The Kenwood **TM-V71A** provides sophisticated, high-powered performance on 2 meters and 440 MHz with 5/10/50 watts on both bands. The controls are logical and feature separate volume/squelch for bands A and B. 1000 Memories can be alpha tagged up to six characters. Other features include: scanning, weather alert, password and crossband operation. This dual bander has ten dedicated EchoLink® memory channels as well as EchoLink yasok-modal operation.

**TM-D710A**
The Kenwood **TM-D710A** dual bander allows you to harness APRS®, GPS and SSTV technologies to provide world class communications. It has a built-in TNC for a wide range of data communications options including packet. But above all, the TM-D710A is fully equipped to make the most of APRS® (Automatic Packet/Position Reporting System). With backlit MC-59 DTMF hand mic.

**TM-281A**
The Kenwood **TM-281A** provides a big 65 watts output and is built MIL-STD 810 C/D/E/F tough. This radio has NOAA weather built in with alert tone. You get 200 memory channels (or 100 alphanumerics), CTCSS, DCS and 1750 Hz tone burst. It scans: VFO, program, memory, group, call scan, tone scan, CTCSS and DCS. It has Wide/Narrow deviation and automatic repeater offset. With illuminated DTMF mic. 6 5/16 x 1 11/16 x 5 13/32 inches. 2.6 lbs.

**Skycommand System II+**
The TS-2000/2000X/B2000 is equipped for Kenwood’s Skycommand System II+. With the TH-D7AG/D72A, TM-D700/710A, you can enjoy HF access remotely. Conventionally two extra transceivers are required for KSS operation — a Commander and a Transporter but the TS-2000/2000X/B2000 has Transporter functions built in. This means you can operate it remotely with a single mobile or handheld unit, such as the TH-D7AG/D72A or TM-D700A/D710A, transmitting control signals to the Transporter, which also relays your voice to the HF radio. In return, HF signals are transmitted back to the Commander. This system allows you to remotely transmit and receive HF signals, set frequencies (with LCD confirmation), switch channels, and more. Enjoy full-duplex operation with access to HF functions such as RIT/XIT, mode switching, split-frequency operations on/off, and memory shift. Control is effected via simple TNC, compatible with the AX.25 protocol.

**Optional Accessories**

<table>
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<th>Order #</th>
<th>Model</th>
<th>Item Description</th>
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<th>TM-D700A</th>
<th>TM-V71A</th>
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¹The MC-60A requires the MJ-88 adapter on modular mic jack models.
Amateur Mobile Transceivers

The Icom ID-5100ADLX 2m/440 has next generation D-Star capability with 50 watts on both bands with VV, UU and DV dual watch. Wideband receive 118-137 [AM], 137-174 and 375-550 MHz. 1000 regular, 4 call channels, 50 scan edges and 1200 repeater memories, SD card slot for voice/data storage, D-PRS enhancements, TNC/9600bps modem connectivity, GPS and HM-207 control mic. Now includes MBA-2 head bracket. Requires optional MBA-5 and MBF-4 for mobile mounting.

IC-2730A

The Icom IC-2730A 2m/440 dual band mobile offers a large white back ground LCD screen. Independent VHF and UHF bands support, crossband repeat, 50/50 watt output. Enjoy 1000 regular, 2 call channels and 50 program scan edges memories. Wibeand receive 118-137 [AM mode], 137-174 and 375-550 MHz. With: HM-207 hand mic, OPC-837 controller cable and CS-2730 software (as download). Requires optional MBA-5 and MBF-4 for mobile mounting.

IC-2300H

The Icom IC-2300H 2 meter FM mobile has a large 4-level backlit LCD that may be set to green, yellow or amber. The receiver covers 136-174 MHz and the transmitter delivers 65, 25, 10 or 5 watts. Improved receive IMD helps provide protection from strong signals such as pager signals. With: 207 alpha memories, 3-way priority watch and independently programmable Rx/Tx and tone squelch. There is an FM narrow mode. With HM-133V remote mic. 5.51 x 1.6 x 6.4 inches.

ID-4100A

Enter the next generation of Digital Radio with the Icom ID-4100A 2m/440 dual band mobile. The full Dot-Matrix Display has easy-to-read characters and icons. Has a built-in GPS. Enjoy 1000 regular, 1500 repeater, 300 GPS memories and 4 call channels. The DR (D-STAR® Repeater) function is supported with the latest Icom user-interface. The exciting Terminal & Access Point Mode extends D-STAR coverage with the Internet (optional data cable and free-download application required). Hands-free Bluetooth® operation is possible with optional Bluetooth® unit and head-set. Optional enhanced remote control apps available (requires Bluetooth® options). The ID-4100A has a compact, detachable head-controller for flexible installation. With HM-207S remote hand mic. 5.9 x 1.6 x 6.8”. Various mounts are optional. List $99.00 Order #4100

D-STAR™

D-STAR is an open protocol developed by the Japanese government and by the J. A. R. L. D-STAR radios can talk directly to each other without any intermediate equipment, or through a repeater using D-STAR voice or data transceivers.

The D-STAR system supports two types of digital data streams:

The Digital Voice (DV) stream used on 144 and 440 MHz contains both digitized voice (3600 bps including error correction) and digital data (1200 bps). Using a DV radio is like having both a packet link and FM voice operating simultaneously.

The Digital Data (DD) stream, used only on 1.2 GHz, is entirely data with a bit rate of 128k bps. The data connection to a radio that uses DV is via an RS-232 interface or USB 1.0. An Ethernet connection is used for high-speed DD D-STAR data.

DISCONTINUED ACCESSORIES

Looking for an older accessory? Our website contains an archive of discontinued models — many with still available optional accessories.

www.universal-radio.com
Amateur Mobile Transceivers

FT-8900R
- 800 Memories
- Six Scan Modes
- ARTS™
- V-U/V-V/U+U
- Packet Ready
- Cross-Band Repeat
- Backlit DTMF Mic.
- CTCSS Encode/Decode
- Multicolored status LED cluster
- Join the Fusion digital revolution

The Yaesu FT-8900R quad bander gives you incredible power and flexibility on the road. Operate 10 meters, 6 meters, 2 meters and 70cm. High power output is featured with 50 watts on 10, 6 and 2 meters and 35 watts on 430 MHz. It is like having two radios in one with dedicated Volume and Squelch controls on each side. Includes cross-band repeat, duplexer and CTCSS/DCS Encode/Decode. WiRES™ compatible. Includes MH-48A6JA DTMF hand mic. 5.5 x 1.6 x 6.6" 2.2 lbs.
List $300.00 Order #0725 CALL/WEB

FTM-3200DR
- C4FM/FM
- 65/30/5 Watts
- Group Monitor
- TCXO
- Mode LED
- Backlit Display
- 220 Memories
- CTCSS Encode/Decode
- Weather Alert

The Yaesu FTM-3200DR 2 meter mobile transceiver features Yaesu's legendary mechanical toughness and incorporates new technology such as System Fusion with Automatic Mode Select (AMS) to recognize whether a transmission is digital or analog, and automatically sets the mode. (Does not support connectivity to HRI-200 as a Wires-X Node Station). With: MH-48A6JA DTMF hand mic, mounting bracket, USB cable, DC cord and manual. 6.1 x 1.7 x 6.1" 2.86 lbs. 13.8VDC at 15 Amps.
List $230.00 Order #3200 CALL/WEB

FTM-3207DR
The Yaesu FTM-3207DR has the same feature set as the FTM-3200DR, but covers 430-450 MHz with 55/25/5 watts.
List $230.00 Order #3207 CALL/WEB

FTM-2900R
- 200 Memories
- Smart Search™
- Packet Ready
- DTMF Memories
- Weather Alert
- C4FM/FM
- 80 Watts Output

The Yaesu FT-2980R 2 meter mobile is similar to the FT-2900R but boasts a big 80 watts of power. Can also be set for 30, 10 or 5 watts. Receive is 134-174 MHz. CTCSS/DCS encode/decode is built-in. Direct keypad entry is available via the supplied MH-48A6JA backlit DTMF remote mic with four programmable keys. Other supplied items include: MMB-83 mobile bracket, DC power cord, spare fuse and base feet. The fanless FT-2980R is built MIL-STD-810 tough. 6.3 x 2 x 7.3" 15 A.
List $220.00 Order #0980 CALL/WEB

FTM-3100R
- Rugged Design
- 65/30/5 Watts
- Group Monitor
- TCXO
- Mode LED
- Backlit Display
- 220 Memories
- CTCSS Encode/Decode
- Weather Alert

The Yaesu FTM-3100R 2 meter transceiver is identical to the FTM-3200DR above, but does not have Yaesu's System Fusion C4FM digital mode. With: MH-48A6JA DTMF hand mic, mounting bracket, USB cable, DC cord and manual. 6.1 x 1.7 x 6.1" 2.86 lbs. Requires 13.8VDC at 15 Amps.
List $200.00 Order #3100 CALL/WEB

FTM-7250DR
The Yaesu FT-7250DR C4FM/FM 2 meter / 440 MHz mobile transceiver, providing up to 50 Watts to ensure stable long-distance communications. The front firing speaker delivers 3 Watts of clear audio. Features include: CTCSS/DCS encode/decode with split Tone and DCS encode-only capability, RF Squelch, Transmit Time-Out-Timer (TOT), Automatic Power-Off (APO), Automatic Repeater Shift (ARS), Busy Channel Lock-Out (BCLO), 225 alpha memories with separate transmit frequency memories ("Odd Splits") and a multicolored status LED cluster. Join the Fusion digital revolution. With MH-48A6JA DTMF hand mic, USB Cable, Bracket and DC Power Cord.
List $300.00 Order #0725 CALL/WEB

FTM-7900R
- 1055 Memories
- ARTS™
- Packet Ready
- DCS Encode/Decode
- Five Hyper Memories
- PL Encode
- C4FM/FM
- 800 Memories
- Backlit DTMF Mic.
- Weather Alert

The Yaesu FT-7900R provides 50 watts on 2 meters and 45 watts on 430 MHz. The well-designed front panel provides simple, safe operation. Features include: over 1000 memories, Packet 1200/9600 jack, extended receive 108 to 5920 and 970-990 MHz. (Not for cellular). It is WIRES and ARTS™ compatible. The FT-7900R comes with a MMB-36 mobile mounting bracket, DC cord and illuminated MH-48A6JA Up-Down DTMF hand mic. 5.5 x 1.6 x 6.6" 2.2 lbs. 13.8VDC at 9 Amps.
List $220.00 Order #0000 Discontinued

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During receive, the Automatic Mode Select function identifies and selects the mode automatically. Audible drop-out in the digital mode is a result of receiving small amounts of data, text messages and images. A feature known as ARTS™ - Auto in Range Transponder System feature can be critically important in search-and-rescue applications. ARTS provides "hand-shake" with other ARTS equipped transceivers, and the display indicates if an Out of Range condition exists. The base station (typically a mobile like the FT-8900R) can then alert the field unit to move to a better location. A six character CW ID memory is also provided for Morse code identification of your station every ten minutes during ARTS operation.

The Yaesu HRI-200 Internet Linking System uses the WIRESTM Wide-Coverage Internet Repeat Enhancement System. Wires-X allows communications between both C4FM digital stations and conventional FM stations via Wires-X. High quality voice communication is achieved by repeating C4FM digital data as it is via the Internet. Supplied accessories include: USB Cable, Data Cable Mini-DIN 10pin-6pin (CT-174), Wires-X setup disk (CD) and operating manual. A 4.4" x 1.0" x 5.2" 12 oz. This device is USB bus powered.

NOTE: Accessories for the FTM-3207DR and FTM-7250DR are the same as those shown for FTM-3100DR/3200DR.
The Alinco DR-06T gets you on the six meter Magic Band with a full 50 watts. Enjoy the large alphanumeric display, remote control from the multifunctional backlit microphone, excellent transmit/receive audio and clean key layout of the control panel. Features like 100 alphanumeric memories, 39 CTCSS and DCS encode/decode, 3 output level (50/25/10 watts) settings, theft alarm, cable-clone and much more are all standard in the DR-06T. Enter the digital age with the optional EJ-47U digital voice unit. There is also an optional EJ-41U internal Packet TNC board (1200/9600). Frequency range is 50-53.995 MHz (FM), 5.58 x 1.61 x 6.83 inches 2.2 lbs. 13.8VDC at 8 Amps. List $299.95 Order #0735

The Alinco DR-03T is a capable, compact 10 meter 10 watt FM transceiver capable of true DX operation when propagation permits. The easy and smooth operation of the DR-03T is inherited from the popular DR135/235/435 series such as a large alphanumeric display, remote control from the multifunctional back-lit microphone, excellent transmit/receive audio and clean key layout of the control panel. Features like 100 alphanumeric memories, 39 CTCSS and DCS encode/decode, 3 output level (10/5/1~4 watts) settings, theft alarm, cable-clone and much more are all standard in the DR-03T. The receive range is 28-29.695 MHz (FM), 5.58 x 1.61 x 6.83 inches. List $269.95 Order #2607

The Alinco DR-B185T features a newly designed power circuit that puts out 85 watts max. It transmits from 144-147.995 MHz and receives from 136-173.995 MHz. It features alphanumeric display (up to seven characters), dial lock, 500 memories, scanning, wide-narrow FM and dimmer. Power output may be set to 85 or 5 watts, and CTCSS encode/decode and tone burst are standard. The DR-B185T comes with: EMS-57 DTMF Hand Mic, mobile bracket, DC cord and mounting hardware. 6.44 x 1.73 x 7.21 inches. 3.31 lbs. Requires 13.8VDC at 20 Amps. List $228.95 Order #4336

### DR-06T Options

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