

ALL MODE TRANSCEIVERS

HF/50 MHz Transceiver
The radio: FT DX 9000 The birth of a new reality...



This is a radio only YAESU can make. One that will surprise you and inspire you.

A select radio for a select user... you!

*Display color (Umbur or Light Blue) may be selected at the time of purchase.

200 W Version

DSP 60 m Band U.S. version

FT DX 9000D

•Large TFT, Data Management Unit and Flash Memory Slot Built In •Main/Sub Receiver VRF/plus Full Dual Receive Capability •Three μ -Tuning Modules for 160 - 20 M •50 V/12 A Internal Switching Regulator Power Supply

The radio YAESU... The New Premium



The Answer...
 300 Hz Roofing filters
 Dynamic Range 112 dB
 IP3 +40 dBm

60 m Band U.S. version

DSP

Two Independent Receivers Included

HF/50 MHz 200 W Transceiver

FT DX 5000MP ± 0.05 ppm OCXO, 300 Hz Roofing Filter, Station Monitor SM-5000 included

HF/50 MHz 200 W Transceiver

FT DX 5000D ± 0.5 ppm TCXO, Station Monitor SM-5000 included (300 Hz Roofing Filter optional)



HF/50 MHz 200 W Transceiver

FT DX 5000

± 0.5 ppm TCXO (Station Monitor SM-5000, 300 Hz Roofing Filter optional)



QUADRA SYSTEM

1 kW HF/50 MHz Linear Amplifier/Power Supply

VL-1000/VP-1000

•Frequency range: 160-6 meters (160-15, 6 meters in USA) •1 kW power output (6 m: 500 W/USA version) •Two input and four output jacks for easy connection to station antennas •Built-in Automatic Antenna Tuner •Matching VP-1000 Power Supply provides 48 Volts DC at 48 Amps



DSP

60 m Band U.S. Version

HF/50 MHz 100 W All Mode Transceiver

FT-450 Series

■ FT-450 Automatic Antenna Tuner ATU-450 optional
 ■ FT-450AT with Built-in ATU-450 Automatic Antenna Tuner

•Large informative Front Panel Display, convenient Control knobs and Switches
 •The IF DSP guarantees quiet and enjoyable high performance HF/50 MHz operation
 •Handy Front Panel Control of Important Features including: CONTOUR Control Operation/Manual NOTCH/Digital Noise Reduction (DNR)/IF WIDTH/ Digital Microphone Equalizer/Fast IF SHIFT Control
 •Rugged FT-450 aluminum die-cast
 •Operate anywhere using optional internal or external antenna tuning systems



60 m Band U.S. version

DSP

TCXO

HF/VHF/UHF All-Mode Portable Base Transceiver

FT-897D

•High-stability TCXO included •Optional Internal Batteries: 4800 mAh x 2 (Power Output: 20 W) •Built-in Digital Signal Processing •Built-in 3-Message Memory Keyer •Automatic Beacon Mode for Expedition Use •IF Shift •IF Noise Blanker •Spectrum Scope •AGC Fast/Slow/Auto/Off Selection •200 Memories plus HOME and Band-Limit Memories •Alpha-Numeric Labeling of Memories •Multi-Color Dot-Matrix Display •Compatible with ATAS-Series Auto-Tune Antennas •Built-in CTCSS and DCS Encoder/Decoders •ARTS™ Auto-Range Transponder System •Smart Search™ Automatic Memory Loading System •CW Training Feature •Optional Collins® Mechanical Filters •Optional Internal FP-30 Power Supply •Optional FC-30 Automatic Antenna Tuner •Strong Carrying Handle



60 m Band U.S. version

DSP

Ultra-Compact HF/VHF/UHF All-Mode Transceiver

FT-857D

•Ultra Compact, Ergonomic Design
 •Optional YSK-857 Separation Kit •32-color LCD Display •Optional 10-pole Collins® Mechanical SSB Filter and 500 or 300 Hz CW Filter •Filter and 500/300 Hz CW Filters •Compatible with ATAS-120A Auto-Tune Antennas •DSP-2 Digital Signal Processing Unit included •Built-in 3-Message Memory Keyer •200 Memories plus HOME and Band-Limit Memories •Alpha-Numeric Labeling of Memories



60 m Band U.S. version

5 W All-Mode HF/VHF/UHF Portable Transceiver

FT-817ND

•Ultra Compact: 5.3" x 1.5" x 6.5" WHD (135 x 38 x 165 mm) •Multimode Design: SSB, CW, AM, FM, FM-Wide (RX), Packet, Digital •Power Output: 5 Watts (selection of 0.5/1.0/2.5/5 W) •Wide choice of power sources: AA Battery Holder and FNB-85 Ni-Cd Battery Pack included; external DC cable included for 13.8 V operation •Two Antenna Ports: BNC on front panel, UHF (Type "M") on rear panel •Built-in CW Electronic Keyer •Built-in CTCSS and DCS Encoder/Decoder circuits •208 Memory Channels •Dual-Color Liquid Crystal Display •Spectrum Scope •Optional Collins® Mechanical Filters

"The Best of the Best Just Got Better"

Introducing the new FT 9000 Series with PEP-9000H (Performance Enhancement Program)



400 W Special Order Version

DSP

FT DX 9000MP

•Two Pairs of Meters, plus LCD Window; Data Management Unit and Flash Memory Slot Built In •Main/Sub Receiver VRF/plus Full Dual Receive Capability •External 50 V/24 A Switching Regulator Power Supply and Speaker with Audio Filters FPS-9000 Included



200 W Custom-Configurable Version

DSP

FT DX 9000 Contest

•Two Pairs of Meters, plus LCD Window
 •VRF Input Preselector Filter •Three Keypads, and Dual Headphone Jacks •50 V/12 A Internal Switching Regulator Power Supply

"The Best of the Best Just Got Better"

Introducing the new FT-2000 Series with PEP-2000 (Performance Enhancement Program)



HF/50 MHz Transceiver

60 m Band U.S. version

DSP

FT-2000 Series ■ FT-2000D 200 W Version with External Power Supply
 ■ FT-2000 100 W Version with Internal Power Supply

•Both 100-Watt (internal power supply) and 200-Watt (external power supply) versions available •Receiver Front End includes VRF (Variable RF Tuning) preselector •External High-Q μ -Tuning for 1.8 - 14 MHz bands (optional μ -Tuning Kit for 160/80-40/30-20 m required) •First IF Roofing Filters 3/6/15 kHz included •Strong receiver design provides wide dynamic range and high intercept point •Wide array of IF-DSP interference-rejection filters •Dual Receive (in-band)
 •External display port for viewing of RF Scope, Audio Scope, and Oscilloscope displays (Optional Data Management Unit and aftermarket monitor are required) •Hand Mic Included

"The Best of the Best Just Got Better"

Introducing the new FT 950 Series with PEP-950 (Performance Enhancement Program)



HF/50 MHz 100 W Transceiver

60 m Band U.S. version

DSP

FT-950

•Triple-conversion super-heterodyne receiver architecture, using 69.450 MHz 1st IF •Eight narrow, band-pass filters in the RF stage eliminate out of band interference and protect the powerful 1st IF
 •1st IF 3 kHz Roofing filter included •High-speed Direct Digital Synthesizer (DDS) and high-spec Digital PLL for outstanding Local Oscillator performance •Original YAESU IF DSP advanced design, provides comfortable and effective reception. IF SHIFT / IF WIDTH / CONTOUR / NOTCH / DNR •DSP enhancement of Transmit SSB/AM signal quality with Parametric Microphone Equalizer and Speech Processor •Built-in high stability TCXO (± 0.5 ppm after 1 minute @ 77° F) •Built-in automatic antenna tuner ATU, with 100 memories
 •Powerful CW operating capabilities for CW enthusiasts •Five Voice Message memories, with the optional DVS-6 unit •Large Multi-color VFD (Vacuum Fluorescent Display) •Optional Data Management Unit (DMU-2000) permits display of various operating conditions, transceiver status and station logging •Optional RF μ -Tune Units for 160 m, 80/40 m and 30/20 m Bands

**DUAL BAND
DUAL RECEIVE**



50 W 2 m/70 cm Dual Band FM Mobile

FTM-350R / FTM-350E

•Large (5.2" x 1.6"/130 x 40 mm) dot matrix (264 x 64 dots) LCD display for comfortable viewing for night and day. Choose your favorite LCD display from 8 vibrant color options •Multi-purpose Global Positioning System display (with optional FGPS-1 GPS Receiver and Antenna. Optional FGPS-2 External GPS Receiver and Antenna is also available) •Huge memory channel management capability! 500 Independent Memory channels + 9 Programmable Band Limit Memory Scan channels + 1 Rewritable Preferred channel for each L and R Band •Dual Band AF Monitor for listening to FM/AM broadcast and monitoring ham bands as well •The Display Control Head is designed for easy separation from the main RF power unit built by tough aluminum die-cast; 10ft control cable included (Optional 20ft control cable available) •Compatible with the worldwide standard data-communications system, APRS®, and SmartBeaconing™ capabilities •3 Speaker System (including Built-in Dual Speakers on the rear of the Control Head for FM Broadcast in Stereo!) •Built-in Barometric Pressure Sensor

DUAL BAND



50 W 2 m/70 cm Dual Band FM Mobile

FT-7900R / FT-7900E

•One-Touch Hyper Memories Feature •High Power Output, (50 Watts on VHF, 45 Watts on UHF) •Wide Frequency Coverage: TX: 144 - 146 (148) MHz and 430 - 440 (450) MHz, RX: 108 - 520 MHz, 700 - 999.990 MHz (Cellular Blocked) •Remote Front Panel Design (Optional YSK-7800 Required) •The LCD display indicate operating frequency, status of functions, alpha-numeric memory labels •A 1000 memory channels with 20 Memory Groups. •50-Tone CTCSS/ 104-Tone DCS Tone System •16 DTMF memories can store 16 digits •Scanning Function, VFO Scan, Memory Channel Scan, Programmable Memory Scan and Priority Scan •The Smart Search feature •1200 or 9600 bps Packet Operation •Internet Connecting : WiRES™ •ARTS™ (Auto-Range Transponder System) •ARS (Automatic Repeater Shift) •APO (Automatic Power Off), TOT (Transmitter Time-Out Timer) •Radio to Radio Cloning

**QUAD BAND
DUAL RECEIVE**



50 W 10 m/6 m/2 m/70 cm Quad Band FM Mobile

FT-8900R / FT-8900E

•V+U/ V+V/U+U Dual Band Reception •V+U Full Duplex Operation •Cross-Band Repeater Operation •Remote-Head Mounting Capability •High-Power 50 W (430 MHz: 35 W) •50-Tone CTCSS/ 104-Code DCS Tone Systems •ARTS™ (Auto-Range Transponder System) •Smart Search™ (Automatic Memory Loading System) •Hyper Memory •Huge 800-Channel Memory Capacity •RF Squelch •Internet Key for Instant Access to WiRES™ •1200/9600 bps Packet Operation

**DUAL BAND
DUAL RECEIVE**



50 W 2 m/70 cm Dual Band FM Mobile

FT-8800R / FT-8800E

•V+U/V+V/U+U Dual Band Reception •V+U Full Duplex Operation •Cross-Band Repeater Operation •Remote-Head Mounting Capability •High-Power 50 W (430 MHz: 35 W) •User-Programmable Microphone Keys •50-Tone CTCSS/104-Code DCS Tone Systems •ARTS™ (Auto-Range Transponder System) •Smart Search (Automatic Memory Loading System) •Hyper Memory •Huge 1000+ Channel Memory Capacity •RF Squelch •Internet Key for Instant Access to WiRES™ •1200/9600 bps Packet Operation

**IP57
Submersible
3 feet for 30 min
Front panel**

DUAL BAND



2 m/70 cm Dual Band FM Mobile

(2 m 50 W / 70 cm 40 W) Bluetooth®

FTM-10R / FTM-10E

•Loaded with many functions for your convenience at outdoor motor sports activities. •High-Power TX output 50 W (430 MHz: 40 W)(FTM-10R/E) •Waterproof at 3 feet/1 m for 30 minutes, and protection against dust (Front panel only meets the IP57 standard/FTM-10R/E, Body & Front panel/FTM-10SR/SE) •Illuminated Keys with high brightness LEDs •Bright ocean blue negative type LCD display •Compact size : 4.48" W x 1.50" H x 7.12" D (112W x 37.6 H x 178 D mm)(FTM-10R/E), 5.1" W x 1.1" H x 3.2" D (130 x 28 x 82 mm); Transceiver Body/4.4" W x 1.5" H x 1.6" D (112 x 37.6 x 41 mm); Front panel (FTM-10SR/SE) •Detachable Front panel built-in PTT button •Complete hands free operation using the optional wireless Bluetooth® •High power 8-watt audio amplifier and a PA function with Optional MLS-200-M10 •500 ch memories with an 8 digit alphanumeric tag •Built-in AM/FM (stereo) radio receiver •AF Dual receiving between AM/FM radio and Amateur band •Message function with FTM-10R/E Series and VX-3R/E •ARTS™ (Auto-Range Transponder System) •Smart Search (Automatic Memory Loading System) •Built-in VOX function •Wireless Cloning function

**IP57
Submersible
3 feet for 30 min
Front panel**

DUAL BAND



2 m/70 cm Dual Band FM Mobile

(2 m 10 W / 70 cm 7 W) Bluetooth®

FTM-10SR / FTM-10SE



55 W 70 cm Ultra Rugged FM Mobile

FT-1907R

(Asian Market only)



55 W 2 m Ultra Rugged FM Mobile

FT-1900R / FT-1900E

•200 Regular Memory Channels with Alpha-numeric tags (maximum 6 characters) •Eight Memory banks for Channel allocation (possible to put the name for banks) •55 Watts RF Power Output •Loud Audio 3 W with the Internal Speaker •CTCSS (50 tones) and DCS (104 codes) Encode/Decode, with split Tone and DCS Encode-only capability •RF Squelch •Automatic Repeater Shift •Separate Transmit Frequency Memories ("Odd Splits") •Tone Search Scanning •EPCS (Enhanced Paging & Code Squelch) Operation •CTCSS/DCS/EPCS Bell Operation •DCS Code Inversion •Split Tone Operation •DTMF Auto dialer (10 channel) Operation •DC Voltage indication feature •Memory-Only Mode •Password function •Scan feature: Preferential Memory Scan, Programmable memory scan, VFO scan, Priority Channel Scanning (Dual Watch), Memory Bank Link Scan and Weather Alert Scan (USA version only) •Convenient Access key for the Vertex Standard's WiRES™ •Programming the Key Assignments (4 keys) •Weather Broadcast Reception (USA version only) •Severe Weather Alert Feature (USA version only) •ARTS™ •CW Training •Smart Search Operation •Time-Out Timer (TOT) •Automatic Power-Off (APO) •Busy Channel Lock-Out (BCLO) •Adjustable TX Deviation Level •Cloning

75 W 2 m Heavy-Duty FM Mobile

FT-2900R / FT-2900E

•75 Watts Power Output •Die-cast Aluminum Heat-sink; No Fan Required •Extensive Memory System •Alpha-numeric Channel Display •CTCSS and DCS Encode/Decode Built In •Versatile Scanning Capability •WX Channels with "Severe Weather" Alert •Smart Search™ •WiRES™ Internet Linking Access Feature •MH-48A6J DTMF Direct Access Microphone •Excellent Receiver Performance •Wide/Narrow Deviation Selection •RF-Level Squelch •Interactive Programming Menu •Supply Voltage Display •Transmit Time-Out Timer (TOT) •Automatic Power-Off (APO) •Automatic Repeater Shift (ARS) •4-level Display Dimmer •Dual Watch





IPX7
Submersible
3 feet (1m) for 30 min.

5 W Ultra-Rugged, Submersible
6 m/2 m/70 cm Tri-Band FM Handheld **Bluetooth**

VX-8DR / VX-8DE

All-in-one Prestigious Tri-band Transceiver
Bluetooth® for hands-free Operation with optional accessories
Waterproof/Submersible IPX 7 rated - 3 ft (1 meter) for 30 minutes



•Attached to the radio (microphone input) using the optional GPS Antenna Adapter CT-136



•The optional GPS Antenna Unit FGPS-2 attached to the optional Speaker/Microphone MH-74A7A



5 W Ultra-Rugged, Submersible
2 m/70 cm Tri-Band FM Handheld

VX-8GR / VX-8GE

144/430 MHz Dual Band Transceiver with GPS unit included
Built-in GPS Antenna - Waterproof
Wide Band Receive for 108-999 MHz



Supports APRS® communication by the Built-in Worldwide Standard AX.25 Data TNC

The VX-8 series radios are compatible with the world wide standard APRS® (Automatic Packet reporting System) using the GPS system to locate and exchange position information.

- SmartBeaconing™ Function
- Memories to list 50 stations
- Memories to store 30 APRS® messages
- DIGI-PATH routing indication function
- 8 DIGI-PATH routing settings

- GPS Compass Display - "Heading Up" or "North Up"
- APRS® Symbol Icon pre-set function
- Clearly displayed APRS® Beacon Messages
- Selective Message Received indicated by Flashing LED

APRS® is a registered trademark of Bob Bruninga WB4APR. SmartBeaconing™ from HamHUD Nichetronix



IPX7
Submersible
3 feet (1m) for 30 min.

5 W Ultra-Rugged, Submersible
6 m/2 m/70 cm Tri-Band FM Handheld

VX-7R/VX-7RB

- True Dual Receive: V-V/U-U/V-U/GEN-HAM
- Weather Broadcast Memory Bank with "Severe Weather" Alert
- Over 500 Memory Channels
- Shortwave, Marine Memory Banks
- 10 "Hyper" Memories
- Rugged Magnesium Case
- 1300 mAh Lithium-Ion Battery Supplied
- CTCSS and DCS Encoder/Decoder
- Matrix Display
- 24 Hour Clock with On/Off Timers
- Spectrum Scope Display
- RX and TX Battery Savers
- Emergency Strobe/Beep Feature



IPX7
Submersible
3 feet (1m) for 30 min.

5 W Heavy Duty Submersible
2 m/70 cm Dual Band FM Handheld

VX-6R / VX-6E

- 5 W TX Power on 144/430 MHz, 1.5 W on 222 MHz (U.S. version)
- Wide Receiver Coverage: 0.5-999.99 MHz (cellular blocked)
- Over 1000 Memories with Labeling and 24 Memory Groups
- One-touch Direct Memory Recall (like car stereo)
- EAI (Emergency Automatic ID) for Search and Rescue work
- Enhanced Paging and Code Squelch
- Lithium-Ion 1300 mAh Battery Pack supplied
- Security Password at Switch-on
- Split CTCSS/DCS Tone Capability
- CW Trainer



5 W Heavy Duty
2 m/70 cm Dual Band FM Handheld

FT-60R / FT-60E

- AM Aircraft Receive
- MIL-STD 810 Rating
- Wide RX frequency range
- High Speed Scanning
- 1400 mAh Ni-MH Battery Pack
- Emergency Automatic ID (EAI)
- Dual-CTCSS Enhanced Paging
- NOAA Weather Bank with Alert Scan
- Over 1000 Memory Channels w/10 Banks
- Split CTCSS/DCS and DCS Encode-only modes
- Two front panel programmable keys
- Mono-band and Memory-only modes



1.5 W Ultra Compact
2 m/70 cm Dual Band FM Handheld

VX-3R / VX-3E

- Ultra compact size 1.9"W x 3.2"H x 0.9"D (47 W x 81 H x 23 D mm) w/FNB-82LI & antenna
- 1.5 W Output w/internal battery (70 cm: 1 W)
- 3W Output w/External DC (70 cm: 2 W)
- Long-life 1000 mAh Lithium-Ion Battery included
- Dry Cell battery operation (3 x "AA" Alkaline Cells/not supplied) with optional FBA-37 Battery Case
- Wide-band Receive with Internal Bar Antenna for AM broadcast band
- Stereo earphone jack for FM stereo broadcast
- Sub RX operation between AM/FM radio and Amateur band
- Special Memory Banks for Marine, Shortwave, and NOAA WX channels
- CTCSS and DCS Encode/Decode with Tone Search and "Split" tone modes
- WIRES™ Internet Access Key
- New mechanical Dial Lock function
- Rugged Die-Cast Aluminum Chassis
- Emergency feature includes CW training feature
- Message function with VX-3R/E and FTM-10R/E Series



5 W Full Featured
2 m Compact FM Handheld

FT-250R / FT-250E

- 209 Memory Channels with Alpha-numeric tags (maximum 7 characters)
- Direct Keypad Frequency Entry
- High Power Output: 5 Watts (FNB-83)
- Loud Audio 700 mW with the Internal Speaker
- Long life FNB-83 (7.2 V/1400 mAh) and Desktop Charger included
- CTCSS and DCS Encode/Decode, with split Tone and DCS Encode-only capability
- Scanning Mode: VFO / Memory / PMS / Dual Watch
- Nine DTMF Auto-dialer memories
- Keypad/Dial Lockout capability
- Two front panel programmable keys
- TX and RX Battery Savers
- Convenient Access key for the Vertex Standard's WIRES™ (Wide-coverage Internet Repeater Enhancement System)
- RF squelch (only pass signals exceeding the programmed level)
- Memory-only operating mode available
- Rugged and Water resistant case construction
- Smart Search Operation
- Battery Voltage Display
- Adjustable TX Deviation Level (± 5kHz or ± 2.5 kHz)
- Transmit Time-Out-Timer (TOT) and Automatic Power-Off (APO)
- Busy Channel Lock-Out (BCLO)
- Automatic Repeater Shift (ARS)
- ARTS™ (Auto-range Transponding System) which "beeps" the user when you move out of communication range



IPX7
Submersible
3 feet (1m) for 30 min.

5 W Submersible Full Featured
70 cm Compact FM Handheld

FT-277R



IPX7
Submersible
3 feet (1m) for 30 min.

5 W Submersible
70 cm Full Featured FM Handheld

VX-177 (Asian Market Only)

- Ultra-rugged 5 W 70 cm hand-held
- Long-life 1400 mAh Ni-MH Battery pack Supplied
- EAI (Emergency Automatic ID) for Search and Rescue work
- Enhanced Paging and Code Squelch
- Security Password at Switch-on
- Dedicated Weather Band Channels with Severe Weather Alert Scan
- 200 Memories with Labeling and 10 Memory Groups
- Smart Search™ Automatic Memory Loading



IPX7
Submersible
3 feet (1m) for 30 min.

5 W Submersible Full Featured
2 m Compact FM Handheld

FT-270R / FT-270E

- 200 Memory Channels with Alpha-numeric tags (maximum 6 characters)
- Ten Memory banks for Channel allocation
- High Power Output: 5 Watts (FNB-83 or FBA-25A with dry batteries)
- Loud Audio 800 mW with the Internal Speaker
- Long life FNB-83 (7.2 V/1400 mAh) and Overnight Charger included
- Emergency Automatic ID (EAI) function
- Emergency function
- Enhanced Paging and Code Squelch (EPCS)
- Password function
- CTCSS (50 tones) and DCS (104 codes) Encode/Decode, with split Tone and DCS Encode-only capability
- Scanning Mode: VFO / Memory / PMS / Dual Watch
- Nine DTMF Auto-dialer memories
- Keypad/Dial Lockout capability
- Two front panel programmable keys
- Convenient Access key for the Vertex Standard's WIRES™
- RF squelch
- Memory-only operating mode available
- Rugged case construction (IPX7, 3 ft/ 1 m 30 minutes)
- Huge LCD Display
- Smart Search Operation
- Battery Voltage Display
- Adjustable TX Deviation Level (± 5kHz or ± 2.5 kHz)
- Transmit Time-Out-Timer (TOT) and Automatic Power-Off (APO)
- Busy Channel Lock-Out (BCLO)
- Automatic Repeater Shift (ARS)
- ARTS™

Specifications

E for European Version

Model	Receive Frequency Range	Transmit Frequency Range	Modes	TX Power Output	Sensitivity	Dimensions in Inches (in mm) W x H x D	Weight
FT DX 9000MP AC	30 kHz-60 MHz	160-6 m Amateur Bands	USB,LSB,CW,RTTY, PACKET,AM,FM	400 W (AM: 100 W) Adjustable Class A (SSB): 100 W(MAX)	SSB/CW:0.2 μV (6 m:0.125 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.35 μV)	20.4 x 6.5 x 17.3 (518 x 165 x 438.5)	64 lbs 29 kg (w/o Ext. Power Supply FPS-9000)
FT DX 9000D AC	30 kHz-60 MHz	160-6 m Amateur Bands	USB,LSB,CW,RTTY, PACKET,AM,FM	200 W (AM: 50 W) Adjustable Class A (SSB): 75 W(MAX)	SSB/CW:0.2 μV (6 m:0.125 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.35 μV)	20.4 x 6.5 x 17.3 (518 x 165 x 438.5)	66 lbs 30 kg
FT DX 9000 Contest AC	30 kHz-60 MHz	160-6 m Amateur Bands	USB,LSB,CW,RTTY, PACKET,AM,FM	200 W (AM: 50 W) Adjustable Class A (SSB): 75 W(MAX)	SSB/CW:0.2 μV (6 m:0.125 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.35 μV)	20.4 x 6.5 x 17.3 (518 x 165 x 438.5)	53 lbs 24 kg
FT DX 5000MP w/SM-5000 AC	30 kHz-60 MHz	160-6 m Amateur Bands	USB,LSB,CW,RTTY, PACKET,AM,FM	200 W (AM: 50 W) Adjustable Class A (SSB): 75 W(MAX)	SSB/CW:0.2 μV (6 m:0.125 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.35 μV)	18.4 x 5.3 x 15.5 (462 x 135 x 389) SM-5000: 18.18 x 1.77 x 7.12 (462 x 45 x 181)	46.2 lbs 21 kg 5.55 lbs 2.5 kg
FT DX 5000D w/SM-5000 AC	30 kHz-60 MHz	160-6 m Amateur Bands	USB,LSB,CW,RTTY, PACKET,AM,FM	200 W (AM: 50 W) Adjustable Class A (SSB): 75 W(MAX)	SSB/CW:0.2 μV (6 m:0.125 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.35 μV)	18.4 x 5.3 x 15.5 (462 x 135 x 389) SM-5000: 18.18 x 1.77 x 7.12 (462 x 45 x 181)	46.2 lbs 21 kg 5.55 lbs 2.5 kg
FT DX 5000 AC	30 kHz-60 MHz	160-6 m Amateur Bands	USB,LSB,CW,RTTY, PACKET,AM,FM	200 W (AM: 50 W) Adjustable Class A (SSB): 75 W(MAX)	SSB/CW:0.2 μV (6 m:0.125 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.35 μV)	18.4 x 5.3 x 15.5 (462 x 135 x 389)	46.2 lbs 21 kg
FT-2000D 200 W Version AC	30 kHz-60 MHz	160-6 m Amateur Bands	USB,LSB,CW,FSK, AFSK,AM,FM	200 W (AM: 50 W) Adjustable Class A (SSB): 75 W(MAX)	SSB/CW:0.2 μV (6 m:0.125 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.35 μV)	16 x 5.3 x 14 (410 x 135 x 350)	38.5 lbs 17.5 kg
FT-2000 100 W Version AC	30 kHz-60 MHz	160-6 m Amateur Bands	USB,LSB,CW,FSK, AFSK,AM,FM	100 W (AM: 25 W) Adjustable	SSB/CW:0.2 μV (6 m:0.125 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.35 μV)	16 x 5.3 x 14 (410 x 135 x 350)	33 lbs 15 kg
FT-950 DC	30 kHz-56 MHz	160-6 m Amateur Bands	USB,LSB,CW,FSK, AFSK,AM,FM	100 W (AM: 25 W) Adjustable	SSB/CW:0.2 μV (6 m:0.125 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.35 μV)	14.4 x 4.5 x 12.4 (365 x 115 x 315)	21.6 lbs 9.8 kg
FT-450 DC	30 kHz-56 MHz	160-6 m Amateur Bands	USB,LSB,CW,FSK, AFSK,AM,FM	100 W (AM: 25 W) Adjustable	SSB/CW:0.25 μV (6 m:0.2 μV) AM<2 μV (6 m:1 μV) FM<0.5 μV (6 m:0.3 μV)	9 x 3.3 x 8.5 (229 x 84 x 217)	7.9 lbs 3.6 kg
FT-897D DC	0.1-56 MHz 76-108 MHz 118-164 MHz 420-470 MHz	160-6 m 2 m 70 cm Amateur Bands	USB,LSB,CW,AM FM,FM-W,PKT,AFSK	100 W (HF/6m) (25 W AM) 50 W (2 m) (12.5 W AM) 20 W (70 cm) (5 W AM) 20 W (⊕ Battery FNB-78)	SSB/CW typ. 0.2 μV (2 m/70 cm:0.125 μV) AM 2 μV (1.8-54 MHz) FM 0.16 μV (2 m/70 cm)	7.87 x 3.15 x 10.3 (200 x 80 x 262)	8.6 lbs 3.9 kg
FT-857D DC	0.1-56 MHz 76-108 MHz 118-164 MHz 420-470 MHz	160-6 m 2 m 70 cm Amateur Bands	USB,LSB,CW,AM FM,FM-W,PKT,AFSK	100 W (HF/6m) (25 W AM) 50 W (2 m) (12.5 W AM) 20 W (70 cm) (5 W AM) Battery Power: 20 W	SSB/CW typ. 0.2 μV (2 m/70 cm:0.125 μV) AM 2 μV (1.8-54 MHz) FM 0.16 μV (2 m/70 cm)	6.1 x 2.0 x 9.2 (155 x 52 x 233)	4.6 lbs 2.1 kg
FT-817ND DC	0.1-56 MHz, W-FM:76-108 MHz / 87.5-108 MHz (EU) 144-146 (148) MHz / 108-154 MHz (USA) 430-440 MHz / 420-450 MHz (USA)	160-6 m 2 m 70 cm Amateur Bands	USB,LSB,CW,AM FM,FM-W,PKT,AFSK	5 W (AM: 1.5 W) (⊕ 13.8 V)	SSB/CW typ. 0.25 μV (2 m/70 cm:0.125 μV) AM 2 μV (1.8 - 54 MHz) FM 0.2 μV (2 m/70 cm)	5.31 x 1.5 x 6.5 (135 x 38 x 165)	2.6 lbs 1.17 kg (w/Alkaline Battery,ANT)
FTM-350R/E DC	108 - 520 MHz 700 - 999.99 MHz*	2 m 70 cm Amateur Bands	FM, PKT 1200/9600 AM (RX)	2 m: 50/20/10/5 W 70 cm: 35/20/10/5 W	0.2 μV (12 dB SINAD)	5.6 x 1.8 x 6.0 (140 x 46 x 150)	4.6 lbs 2.1 kg
FT-8900R DC	28 - 29.7 MHz 50 - 54 MHz 108 - 180 MHz 320 - 480 MHz 700 - 999.99 MHz	10 m 6 m 2 m 70 cm Amateur Bands	FM, PKT 1200/9600 AM (RX)	10/6/2 m: 50/20/10/5 W 70 cm: 35/20/10/5 W	0.2 μV (12 dB SINAD)	5.5 x 1.6 x 6.6 (140 x 41.5 x 168)	2.2 lbs 1 kg
FT-8800R/E DC	108 - 520 MHz 700 - 999.99 MHz*	2 m 70 cm Amateur Bands	FM, PKT 1200/9600 AM (RX)	2 m: 50/20/10/5 W 70 cm: 35/20/10/5 W	0.2 μV (12 dB SINAD)	5.5 x 1.6 x 6.6 (140 x 41.5 x 168)	2.2 lbs 1 kg
FT-7900R/E DC	108 - 520 MHz 700 - 999.99 MHz*	2 m 70 cm Amateur Bands	FM, PKT 1200/9600 AM (RX)	2 m: 50/20/10/5 W 70 cm: 45/20/10/5 W	0.2 μV (12 dB SINAD)	5.5 x 1.6 x 6.6 (140 x 41.5 x 168)	2.2 lbs 1 kg
FTM-10R/E DC	0.5-999 MHz*	2 m 70 cm Amateur Bands	FM, AM(RX)	2 m: 50/20/10/5 W 70 cm: 40/20/10/5 W	0.2 μV (12 dB SINAD)	4.4 x 1.5 x 7 (112 x 37.6 x 178)	2.9 lbs 1.3 kg
FTM-10SR/SE DC	0.5-999 MHz*	2 m 70 cm Amateur Bands	FM, AM(RX)	2 m: 10/3/0.5 W 70 cm: 7/3/0.5 W	0.2 μV (12 dB SINAD)	5.1 x 1.1 x 3.2 (130 x 28 x 82) Transceiver Body 4.4 x 1.5 x 1.6 (112 x 37.6 x 41) Front Panel	16.2 oz (460 g) Transceiver Body 7.4 oz (210 g) Front Panel
FT-1900R/E DC	144-146 MHz or 136-174 MHz	2 m Amateur Band	FM	55/25/10/5 W	0.2 μV (12 dB SINAD)	5.6 x 1.6 x 5.8 (140 x 40 x 146)	2.6 lbs 1.2 kg
FT-1907R DC	430-450 MHz or 430-440 MHz	70 cm Amateur Band	FM	55/25/10/5 W	0.2 μV (12 dB SINAD)	5.6 x 1.6 x 5.8 (140 x 40 x 146)	2.6 lbs 1.2 kg
FT-2900R/E DC	137-174 MHz	2 m Amateur Band	FM	75/25/10/5 W	0.4 μV (12 dB SINAD)	6.3 x 2.0 x 7.3 (160 x 50 x 185)	4.2 lbs 1.9 kg
VX-8DR/E	0.5 - 999.90 MHz*	6 m 2 m 222-225 MHz (USA) 70 cm Amateur Bands	FM, AM (AM TX: 50 MHz)	5 W (6 m AM: 1 W) (222 MHz: 1.5 W)	0.16 μV (6 m/2 m) 0.18 μV (70 cm) (12 dB SINAD)	With FNB-101LI 2.4 x 3.7 x 0.9 (60 x 95 x 24.5)	8.5 oz 240 g (w/FNB-101LI,ANT)
VX-8GR/E	108 - 999.90 MHz*	2 m 70 cm Amateur Bands	FM, AM(RX)	5 W	0.16 μV (2 m) 0.18 μV (70 cm) (12 dB SINAD)	2.4 x 3.7 x 0.9 (60 x 95 x 24.2)	8.5 oz 240 g
VX-7R/VX-7RB	0.5-999 MHz*	6 m 2 m 222-225 MHz (USA) 70 cm Amateur Bands	FM, AM (AM TX: 50 MHz)	5 W (6 m AM: 1 W) (222 MHz: 300 mW)	0.16 μV (6 m/2 m) 0.18 μV (70 cm) (12 dB SINAD)	With FNB-80LI 2.4 x 3.5 x 1.1 (60 x 90 x 28.5)	9.2 oz 260 g (w/FNB-80LI,ANT)
VX-6R/E	0.5 - 999.90 MHz*	2 m 70 cm Amateur Bands	FM, AM(RX)	5 W 1.5 W (222-225 MHz, U.S. Version)	0.16 μV (2 m) 0.18 μV (70 cm) (12 dB SINAD)	With FNB-58LI 2.3 x 3.4 x 1.1 (58 x 87 x 28)	9 oz 255 g (w/FNB-80LI,ANT)
FT-60R/E	108-520 MHz 700-999.990 MHz*	2 m 70 cm Amateur Bands	FM, AM(RX)	5 W	0.16 μV (2 m) 0.2 μV (70 cm) (12 dB SINAD)	With FNB-83 2.3 x 4.3 x 1.2 (58 x 109 x 30)	13.05 oz 370 g (w/FNB-83)
VX-3R/E	0.5-999 MHz*	2 m 70 cm Amateur Bands	FM, AM(RX)	2 m: 1.5 W, 70 cm: 1W (w/FNB-82LI) 2 m: 3 W, 70 cm: 2W (6V Ext DC IN)	0.16 μV (2 m) 0.18 μV (70 cm) (12 dB SINAD)	1.9 x 3.2 x 0.9 (47 x 81 x 23)	4.6 oz 130 g (w/FNB-82LI,ANT)
VX-270R/E	136-174 MHz	2 m Amateur Band	FM	5 W (w/FNB-83 Battery)	0.16 μV (12 dB SINAD)	With FNB-83 2.36 x 4.72 x 1.26 (60 x 120 x 32)	13.8 oz 390 g (w/FNB-83,ANT)
VX-277R	430-440 MHz 420-470 MHz	70 cm Amateur Band	FM	5 W (w/FNB-83 Battery)	0.16 μV (12 dB SINAD)	With FNB-83 2.36 x 4.72 x 1.26 (60 x 120 x 32)	13.8 oz 390 g (w/FNB-83,ANT)
VX-177	430-440 MHz 420-470 MHz	70 cm Amateur Band	FM	5 W (w/FNB-83 Battery)	0.16 μV (12 dB SINAD)	With FNB-83 2.36 x 4.72 x 1.26 (60 x 120 x 32)	13.8 oz 390 g (w/FNB-83,ANT)
VX-250R/E	136-174 MHz	2 m Amateur Band	FM	5 W (w/FNB-83 Battery)	0.16 μV (12 dB SINAD)	With FNB-64 2.3 x 4.3 x 1.0 (58 x 108.5 x 26.5)	12.4 oz 352 g (w/FNB-83,ANT)

*Cellular Blocked per FCC rule Part 15.121, may not receive 900 MHz Amateur band (USA Version).

Specifications are subject to change without notice, and are guaranteed within the amateur bands only. Frequency ranges will vary according to transceiver version; check with your dealer.

About this brochure: We have made this brochure as comprehensive and factual as possible. We reserve the right, however, to make changes at any time in equipment, optional accessories, specifications, model numbers, and availability. Precise frequency range may be different in some countries. Some accessories shown herein may not be available in some countries. Some information may have been updated since the time of printing; please check with your Authorized Yaesu Dealer for complete details.

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