

2009 CATALOG

AMATEUR RADIO EQUIPMENT



 **YAESU**
Choice of the World's top DX'ersSM

ALL MODE TRANSCEIVERS

HF/50 MHz Transceiver *The radio : FT DX9000* The birth of a new reality. . .

60 m Band
U.S. version



This is a radio only YAESU can make. One that will surprise you and inspire you.
A select radio for a select user. . .you!

200 W 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

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

DSP



400 W Special Order Version

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

FT DX 9000 Contest

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



HF/50 MHz Transceiver

60 m Band
U.S. version

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

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 highperformance 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 •The rugged FT-450 aluminum die-cast •Operate anywhere using optional internal or external antenna tuning systems



60 m Band
U.S. version

Compact size : 9" X 3.3" X 8.5" and Light weight : 7.9 lb

HF/50 MHz 100 W Transceiver

60 m Band
U.S. version

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

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

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

TCXO

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

DSP

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



60 m Band
U.S. version

QUAD BAND
DUAL RECEIVE

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

FT-8900R/E

•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/E

•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

DUAL BAND



50 W 2 m/70 cm Dual Band FM Mobile

FT-7800R/E

•Remote-Head Mounting Capability •High-Power 50 W (430 MHz: 40 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 panel2 m/70 cm Dual Band FM Mobile
(2 m 50 W / 70 cm 40 W)

FTM-10R/E

•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
Body & Front panel2 m/70 cm Dual Band FM Mobile
(2 m 10 W / 70 cm 7 W)

FTM-10SR/SE



65 W 2 m Rugged FM Mobile

FT-2800M

•65 Watts Output •Die-cast Aluminum Heat-sink; No Fan Required! •Direct Keypad Frequency Entry •Bullet-Proof Receiver Front End •Extended Rx: 137-174 MHz •Special NOAA Weather Broadcast Memory Bank (U.S. version) •1200/9600 bps Packet Operation

50 W Rugged FM Mobile
2 m FT-1802M/E / 70 cm FT-1807M

FT-1802M/E • FT-1807M

(FT-1807M: Asian Market only)

•50 Watts Output •Extended Receive: 136 – 174 MHz (FT-1802M) •Keyboard entry of frequencies directly from microphone •Illuminated front panel keys for nighttime use •221 Memory Channels with Alpha-numeric labeling •Eight Memory Banks for organizing Memory Channels •Dedicated 10-channel NOAA Weather Broadcast Channel Bank (U.S. version) •Adjustable Mic Gain, and Wide/Narrow Deviation & Receiver Bandwidth •Built-in CTCSS and DCS Encoder/Decoder circuits •CW Trainer: Practice Morse Code between QSOs! •Security Password to help prevent unauthorized use •One-touch access to WIRES-II™ Internet Linking System

HANDHELD TRANSCEIVERS

E for European Version

IPX7
Submersible
3 feet (1m) for 30 min5 W Ultra-Rugged, Submersible
6 m/2 m/70 cm Tri-Band FM Handheld

VX-8R/E

•All-in-one High-performance Tri-Band Transceiver with GPS/APRS® Operation *1 •Bluetooth® for Hands-free Operation *1 •Barometric Pressure and Temperature Sensors •Waterproof/Submersible IPX7 rated – 3 feet for 30 minutes •Dual Ham band Operation (V+U/U+V/U+U) while listening to AM/FM Broadcasts •Wideband Receive for 500 kHz-999.99 MHz *2 •Completely independent AM/FM receiver included! •Internal Bar Antenna for better AM Broadcast Band reception •Enjoy FM broadcasts in stereo, with your stereo headset/earphone! •Optional 1 watt operation, using three AA batteries *1 •A large LCD backlit display in a compact case! •Up to 9 hours *3 of Amateur Band operation with the optional FNB-102LI, high capacity Lithium-Ion Battery



*1 With optional accessories *2 Cellular Blocked per FCC rule Part 15.121, may not receive 900 MHz Amateur band
*3 Assuming a duty cycle of 6-second transmit, 6-second receive, and 48-second standby (50 MHz 5 W)

* APRS® is a registered trademark of Bob Brunning W6APR.

IPX7
Submersible
3 feet (1m) for 30 min5 W Ultra-Rugged, Submersible
6 m/2 m/70 cm Tri-Band FM Handheld

VX-7R/VX-7RB

•True Dual Receive: 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

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

VX-3R/E

•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

IPX7
Submersible
3 feet (1m) for 30 min5 W Heavy Duty Submersible
2 m/70 cm Dual Band FM Handheld

VX-6R/E

•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/E

•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



RECEIVERS

Wideband Receiver
VR-120D

•Wideband Coverage: 0.1-1299.995 MHz*
•AM/FM/Wide-FM
Not available with in USA

All-Mode Wideband Receiver
VR-500

•Frequency coverage: 0.1-1299.99995 MHz*
•Modes: NFM, WFM, AM, USB, LSB, CW

All-Mode Wideband Receiver
VR-5000

•Frequency Coverage: 100 kHz-2599.99998MHz*
•Modes: CW, LSB, USB, AM, AM-N, WAM, FM-N, WFM

IPX7
Submersible
3 feet (1m) for 30 min5 W Full Featured
2 m FM Handheld

VX-150/VX-110

•Long-life Battery FNB-83 and Desktop Charger CD-30 included

5 W Submersible Full Featured FM Handheld
2 m VX-170/120 • 70 cm VX-177

VX-170/E • VX-120/E Series

•Ultra-rugged 5 W 2 m or 70 cm hand-held •Expanded RX Coverage: 137-174 MHz (VX-170/120) •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



VX-170

VX-120

* Cellular and cellular-image frequencies are blocked.

Mobile Transceivers		FT-8900R/E	FT-8800R/E	FT-7800R/E	FTM-10R/E	FTM-10SR/SE	FT-2800M	FT-1802M/1807M
MICROPHONES/SPEAKER								
MH-36B6J	DTMF Microphone (Supplied in U.S. Model)						●	
MH-42B6J	Condenser Microphone						●	
MH-42B6JS	Hand Microphone with 1750 Hz Burst Button (supplied w/European and Asian versions)	●	●	●				
MH-48A6J	DTMF Microphone (Supplied in U.S.A version)	●	●	●				●
MH-68A6J	Waterproof DTMF Microphone				●	●		
MH-68B6J	Waterproof Microphone				●	●		
BH-1	Waterproof Bluetooth® Headset				●	●		
FEP-4	Earpiece Earphone for BH-1				●	●		
MLS-200-M10	High-Power External Speaker				●	●		
MLS-100	High-Power External Speaker	●	●	●			●	●
BRACKET								
MMB-60	Quick Release Mobile Mounting Bracket	●	●	●				
MMB-36	Mobile Mounting Bracket							●
MMB-M11	Handlebar Panel Bracket				●	●		
MMB-M10	Mobile Panel Bracket (stand type)				●	●		
CABLES								
YSK-8900	Separation Kit	●	●					
YSK-7800	Separation Kit			●				
CT-39A	Packet Interface Cable	●	●	●				
CT-M10	Separate Cable 20 ft/6 m				●	●		
CT-M11	External Headset Connection Cable				●	●		
COX-2MM	Antenna Cable				●	●		
OTHERS								
ADMS-2H	Windows™ PC Programming Kit	●						
ADMS-2I	Windows™ PC Programming Kit		●					
ADMS-2J	Windows™ PC Programming Kit						●	
ADMS-2K	Windows™ PC Programming Kit			●				
ADMS-1802	Windows™ PC Programming Kit							●
MEK-2	Mic Extension Kit (For use with Yaesu 8-pin Microphones)	●	●	●				
MEK-M10	Mic Jack				●	●		
FP-1030A	AC Power Supply (25 A)	●	●	●	●	●	●	●
FP-1023	AC Power Supply (25 A) USA Only	●	●	●	●	●	●	●
BU-1	Bluetooth® Unit				●	●		
CAB-1	Charger Sleeve for BH-1				●	●		
YHA-M10	VHF/UHF Mobile Antenna				●	●		
AMK-1	Antenna Mounting Bracket for License Plate				●	●		

Receivers		VR-120D	VR-500	VR-5000
MODEL				
ADMS-3	Windows™ PC Programming Kit		●	
DSP-1	DSP Unit			●
DVS-4	Digital Voice Recorder Unit			●
CSC-72	Soft Case		●	
CSC-76	Soft Case			
FNB-79	Ni-Cd Battery Pack	●		
NC-60B	AC Adapter (117 V)		●	
NC-82	Charger Stand with CA-34	●		
CA-34	Charger Sleeve with NC-82	●		
PA-30B/C/U*	AC Adapter	●		
CT-35	Cloning Cable	●		●
E-DC-5B	DC Cable with Cigar-Lighter Plug		●	
E-DC-15	DC Cable with Cigar-Lighter Plug	●		
E-DC-6	DC Cable		●	

Rotators	
MODEL	
GC-038	Mast Clamp for G-1000DXA/DXC, G-800DXA, G-800SA, and G-450A/C Rotators
GC-048	Mast Clamp for G-2800DXA/DXC Rotators
GS-050	Thrust Bearing
GS-065	Thrust Bearing
GS-680U	Universal Bearing
GA-3000	Absorber Joint for G-2800DXA/DXC Rotators
GA-2500	Absorber Joint for G-1000DXA/DXC, G-800DXA, G-800SA, and G-450A/C Rotators
GS-232A	Computer Controller for all DXA/DXC Series and G-5500 Rotators
C-1000	Control Cable for GS-232A (using DX Series Rotators)
GL-33	Mast Adjustment Plate

WIRES-II

WIRES™ is a comprehensive and easy-to-use system for linking repeaters and/or home stations together, using Internet voice technology. Now you can talk to old friends, or make new ones, around the world. . . using your hand-held or mobile radio via a WIRES-equipped node to talk to other Hams across the country or across an ocean.

Amateur Radio Internet Linking Kit HRI-100
Requires DC12 V or Optional NC-72B/C/U*
<http://www.vxstd.com/en/wiresinfo-en/>



Handheld Transceivers		VX-7R/RB	VX-6R/E	VX-3R/E	FT-60R/E	VX-170/VX-120	VX-150/VX-110
ADMS-1F	Windows™ PC Programming Kit						●
ADMS-1G	Windows™ PC Programming Kit	●					
ADMS-1J	Windows™ PC Programming Kit				●		
ADMS-VX6	Windows™ PC Programming Kit		●				
ADMS-VX170	Windows™ PC Programming Kit					●	
ADMS-VX3	Windows™ PC Programming Kit			●			
CSC-88	Soft Vinyl Case	●					
CSC-91	Soft Vinyl Case		●				
CSC-92	Soft Vinyl Case			●			
MH-34B4B	Compact Speaker / Microphone			●	●		●
MH-37A4B	Compact Lapel Mic with Earpiece			●	●		●
MH-57A4B	Compact Speaker / Microphone	●	●			●	
MH-73A4B	Waterproof Speaker / Microphone	●	●			●	
VC-24	Lightweight VOX (Voice-Operated) Headset		●			●	
VC-25	Lightweight VOX (Voice-Operated) Headset			●	●		●
VC-27	Earpiece / Microphone (VOX-Operated)	●	●			●	
CT-27	Radio to Radio Cloning Cable			●	●		●
CT-91	Microphone Adapter	●	●			●	
CT-44	For packet interface or use with earlier Yaesu MIC			●	●		●
SU-1	Barometric Pressure Sensor	●	●				
CN-3	Adapter for use with BNC Connector	●	●	●	●	●	●
E-DC-21	DC Cable with Voltage Regulator and Cigarette-lighter Plug			●			
E-DC-5B	DC Adapter w/Noise Filter	●	●		●	●	●
E-DC-6	DC Cable, Plug and Wire Only	●	●		●	●	●
FBA-23	Holds two AA Alkaline cells	●	●				
FBA-25A	6 AA Size Battery Case				●	●	●
FBA-37	Dry Cell Battery Case for 3xAA Alkaline Cells			●			
FNB-83	Ni-MH 7.2 V, 1400 mAh Battery (5 Watt)			●	●	●	●
FNB-80LI	Lithium-ion Battery Pack, 7.4 V @ 1400 mAh	●	●				
FNB-82LI	Extra Lithium-ion Battery, 3.7 V @ 1000 mAh			●			
FTD-7	DTMF Paging Unit					●	
CD-15A	Rapid Charger (2.5 hours)	●	●				
CD-26	Charger Cradle					●	
CD-30	Desktop Charger						●
NC-85B/C/U**	Wall Charger (for FNB-82LI)			●			
NC-72B/C/U**	Wall Charger (for FNB-64)	●	●				●
VAC-370B/C/U**	Desktop Rapid Charger				●	●	
PA-38B/C/U**	AC Adapter (for CD-30)						

*4 B for 120 VAC/C for 220-240 VAC/F for 220 VAC/U for 220-240 VAC w/UK plug.

ROTATORS



Extra Heavy-duty
G-2800DXA
G-2800DXC



Heavy-duty
G-1000DXA
G-1000DXC
Medium-duty
G-800DXA

* On models with "DXC" or "C" suffix, control cable is included.



Medium-duty
G-800SA
(13.8 VDC)



Light/Medium-duty
G-650A/C
(European and Asian Version only)
G-450A/C



Azimuth-Elevation
Rotator combination
G-5500



Elevation only
G-550

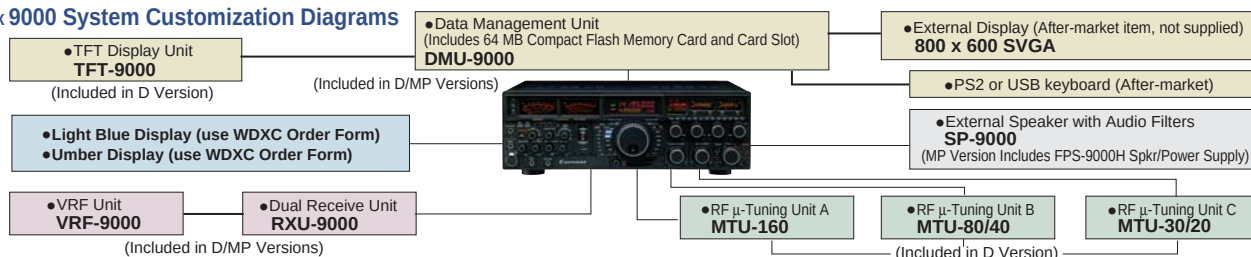


Light-duty
G-250
(Asian and European Market only)

Handheld Transceivers		VX-8R
CSC-83	Soft Case	●
MH-74A7A	Waterproof Speaker / Microphone	●
BH-1	Bluetooth® Headset with stereo earphone jack	●
BH-2	Bluetooth® Headset	●
FEP-4	Earpiece (Stereo) for BH-1 Bluetooth® Headset	●
FGPS-2	GPS Antenna Unit	●
CT-136	GPS Antenna Adapter for FGPS-2	●
CT-134	Cloning Cable	●
CT-131	Microphone Adapter	●
BU-1	Bluetooth® Adapter Unit	●
CN-3	BNC-SMA Adapter	●
E-DC-5B	DC Cable with Cigarette Adapter	●
E-DC-6	DC Cable, Plug and Wire Only	●
FNB-102LI	7.4 V/1800 mAh High Capacity Rechargeable Lithium-ion Battery Pack	●
FNB-101LI	7.4 V/1100 mAh Rechargeable Lithium-ion Battery Pack	●
FBA-39	3 x AA Cell Battery Case	●
CD-40	3 hrs Charger Cradle for BH-1/BH-2 Bluetooth® Headset	●
CD-41	Rapid Charger Battery Charger Cradle for Rapid (2.5 Hr) Charging	●
NC-85B/C/U*	Battery Charger for CD-40 Headset Cradle	●
NC-86B/C/U*	Battery Charger (5 hrs/FNB-101LI, 8 hrs/FNB-102LI)	●

ALL MODE Transceivers

FT Dx 9000 System Customization Diagrams



MODEL		FT Dx 9000 Series	FT-2000	FT-950	FT-450	FT-897D	FT-857D	FT-817ND
MICROPHONES/SPEAKERS								
MD-200A8X	Desk-Top Dynamic Microphone	●	●	●	●	●	●	
MD-100A8X	Desk-Top Microphone	●	●	●	●	●	●	
MH-31A8J	Hand Microphone				●			
MH-31B8	Hand Microphone	●	(Included)					
MH-36E8J	DTMF Hand Microphone				●	●	●	●
MH-59A8J	Remote Control DTMF Hand Microphone					●	●	
SP-9000	External Speaker w/Audio Filters	●						
SP-2000	External Speaker w/Audio Filters		●					
SP-8	External Speaker w/Audio Filters					●		
MLS-100	High-Power External Speaker				●	●	●	●
YH-77STA	Open - Air Stereo Headphones	●	●	●	●	●	●	
FILTERS								
MTU-160	μ-Tuning Unit (160 m Band)	● (MP/Contest)						
MTU-80/40	μ-Tuning Unit (80/40 m Band)	● (MP/Contest)						
MTU-30/20	μ-Tuning Unit (30/20 m Band)	● (MP/Contest)						
μ-Tuning Kit A	μ-Tuning Kit (160 m Band) Including MTU-160		●	●				
μ-Tuning Kit B	μ-Tuning Kit (80/40 m Band) Including MTU-80/40		●	●				
μ-Tuning Kit C	μ-Tuning Kit (30/20 m Band) Including MTU-30/20		●	●				
DVS-6	Voice Memory Unit			●				
YF-122S	Collins® SSB Filter (2.3 kHz/4.7 kHz: -6 dB/-60 dB)					●	●	●*2
YF-122C	Collins® CW Filter (500 Hz/2 kHz: -6 dB/-60 dB)		(Sub RX) ●*2			●	●	●*2
YF-122CN	Collins® CW Filter (300 Hz/1 kHz: -6 dB/-60 dB)		(Sub RX) ●*2				●	●*2
TCXO								
TCXO-9	Temperature Compensated XTAL Osc. ±0.5ppm						●	●
ANTENNAS/TUNERS								
ATAS-120A	High Speed Active-Tuning Antenna System				●	●	●	
ATBK-100	VHF/UHF Antenna Base Kit for ATAS-100, ATAS-120A				●	●	●	
ATAS-25	Manually-Tuned Portable Antenna				●	●	●	●
FC-30	External Automatic Antenna Tuner				●	●	●	
FC-40	External Automatic Antenna Tuner (for Wire antenna)			●	●	●	●	
ATU-450	Internal Automatic Antenna Tuner				●			
OTHERS								
ADMS-4A	Windows™ PC Programming Software							●
ADMS-4B	Windows™ PC Programming Software					●	●	
VL-1000/VP-1000	1 kW HF/50 MHz Linear Amplifier (Includes VP-1000 Power Supply)	●	●	●	●	●	●	
CT-39	Packet Cable				●	●	●	●
CT-58	Packet Cable					●	●	
CT-62	CAT Interface Cable					●	●	●
CT-118	Band Data Cable				●			
T9207451	Linear Cable		●	●	●			
CSC-83	Soft Case							●
DMU-2000	Data Management Unit		●	●				
FH-2	Remote Control Keypad		●	●				
FNB-78	Ni-MH Battery Pack (13.2 VDC, 4500 mAh)					●		
FNB-85	Ni-MH Battery Pack (9.6 V, 1400 mAh)							● (Spare)
FP-1030A	25 Amp Power Supply			●	●	●	●	
FP-1023	25 Amp Compact Power Supply (U.S.A. only)			●	●	●	●	
FP-30	Docking AC Power Supply					●		
NC-72B/C/U*1	Ni-MH Battery Charger for FNB-85						●	
PA-26B/C/U*1	Ni-MH Battery Charger for FNB-78				●			
YSK-857	Separation Kit					●		
MMB-90	Mobile Bracket				●			
MHG-1	Side Carry Handle				●			

MISCELLANEOUS

YA-007FG Mobile Fiberglass HF Whip Antenna
(1.6-30 MHz)-150 W P.E.P. (Requires FC-40)
YA-30 Dipole Broadband HF Antenna
(1.6-30 MHz)-150 W P.E.P.)

ATAS-25
Manually-Tuned Portable Antenna
ATAS MICRO
For FT-817ND/897D

ATAS-120A
High Speed Active-Tuning Antenna System for Mobile
PowerGain™
For FT-950/FT-450/FT-897D/857D

ATBK-100
VHF/UHF Antenna Base/Counterpoise Kit for ATAS-120A

FC-40
Automatic-Matching 200-Memory Antenna Tuner for Long Wire
WATERPROOF
For FT-950/FT-450/FT-897D/857D

*1 B for 120 VAC/C for 220-240 VAC/U for 220-240 VAC w/UK plug. *2 One of these two filters may be installed

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-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)
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-7800R/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: 40/20/10/5 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-1802M/E DC	144-146 MHz or 136-174 MHz	2 m Amateur Band	FM	50/25/10/5 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-1807M (Asian Market Only) DC	420-470 MHz or 400-470 MHz	70 cm Amateur Band	FM	50/25/10/5 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-2800M DC	137-174 MHz	2 m Amateur Band	FM	65/25/10/5 W	0.2 µV (12 dB SINAD)	6.3 x 2.0 x 7.3 (160 x 50 x 185)	4.0 lbs 1.8 kg
VX-8R/E	0.5 - 999.90 MHz*	6 m 2 m 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-7R/VX-7RB	0.5-999 MHz*	6 m 2 m 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*	6 m 2 m 70 cm Amateur Bands	FM, AM(RX)	5 W 1.5 W (222-225 MHz, U.S. Version)	0.16 µV (6 m/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-170/E•VX-120/E	137-174 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-177/E	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-150/110	140-174 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)	11.5 oz 325 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.

YAESU VERTEX STANDARD CO., LTD.
4-8-8 Nakameguro, Meguro-ku, Tokyo 153-8644, Japan
For the latest Yaesu news,visit us on the Internet: <http://www.vxstd.com>

VERTEX STANDARD <http://www.vertexstandard.com>
US Headquarters Phone +1 714-827-7600
10900 Walker Street, Cypress, CA 90630, U.S.A.
YAESU UK LTD. <http://www.yaesu.co.uk>
Email: sales@yaesu.co.uk
Unit 12, Sun Valley Business Park, Winnall Close
Winchester, Hampshire, SO23 0LB, U.K. Phone +44 196 286 6667

VERTEX STANDARD HK LTD. <http://www.vxstd.com.hk>
Unit 5, 20/F., Seaview Centre, 139-141 Hoi Bun Road, Kwon Tong, Kowloon, Hong Kong Phone +852 2732 2288

VERTEX STANDARD AUSTRALIA PTY. LTD.
Normanby Business Park, Unit 14/45 Normanby Road Notting Hill 3168, Victoria, Australia <http://www.vxstd.com.au>
Phone +61 3 95182100

