2011 CATALOG
AMATEUR RADIO EQUIPMENT

YAESU

60 m Band U.S. version

HF/50 MHz Transceiver ※Umber and Light Blue Display Options

FT DX 9000D
200 W
VRF for both Main and Sub Receiver, Full Dual Receive Capability

•Large TFT Display and the Data Management Unit Built-in •Three µ-Tuning Modules for 160–20 m bands Built-in •Internal Switching Regulator Power Supply

FT DX 9000MP
400 W Special Order Version
VRF for both Main and Sub Receiver, Full Dual Receive Capability

•Two Pairs of Analog Meters, plus LCD Window •Data Management Unit Built-in •External Switching Regulator Power Supply and Speaker with Audio Filters (FPS-9000H) Included

FT DX 9000Contest
200 W
Custom-Configurable Version

•Two Pairs of Analog Meters, plus LCD Window •VRF (Variable RF Filter) Preselector for 160–6 m bands Built-in •Internal Switching Regulator Power Supply

60 m Band U.S. version

HF/50 MHz 200 W Transceiver

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

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

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

Newly designed 9 MHz 1st IF in the main receiver •Improved 3rd-Order Dynamic Range, and Superb IP3: -112 dB, +40 dBm at 10 kHz separation, and 105 dB, +36 dBm at the most practical 2 kHz separation •Newly designed sharp 6-pole Crystal Roofing Filters •4 selectable IPO positions •Double Quad Double Balanced Mixer •VRF (Variable RF Filter) Preselector with up to 62 steps •Totally Independent Receivers •IF WIDTH/IF SHIFT •CONTOUR •Manual Notch and Beat-reducing Automatic Digital Notch Filter (DNF) •Improved Digital Noise Reduction (DNR) •Clear EL Displays furnish essential general information

60 m Band U.S. version

HF/50 MHz Transceiver

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 •Dual Receive (In-band) Featuring IF Stage •Receiver Front End includes VRF (Variable RF Filter) Preselector •External High-Q µ-Tuning for 160-20 m Amateur bands (optional µ-Tuning Kits for 160/80-40/30-20 m bands required) •3/6/15 kHz First IF Roofing Filters installed •Strong receiver design provides wide dynamic range and high intercept point •Wide array of IF-DSP interference-rejection filters •Dual Receive Function •External display port for viewing of RF Scope, Audio Scope and Oscilloscope displays (Optional Data Management Unit, DMU-2000 and aftermarket monitor are required)

60 m Band U.S. version

HF/50 MHz 100 W Transceiver

FT-950

•Eight narrow Band-Pass Filters in the RF stage eliminate out of band interference and protect the 1st IF •1st IF 3 kHz Roofing Filter •Original YAESU IF DSP provides comfortable and effective reception •IF SHIFT / IF WIDTH / CONTOUR / NOTCH / DNR •DSP Parametric Microphone Equalizer and Speech Processor enhance the SSB/AM transmission signal quality •Built-in high stability TCXO (±0.5ppm after 1 min. @77°F /25°C) •Built-in Automatic Antenna Tuner •Five Voice Massage 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

60 m Band U.S. version

HF/50 MHz 100 W All Mode Transceiver

FT-450D
Built-in Automatic Antenna Tuner

•Large informative Front Panel Display •Key illumination •Foot Stand •300 Hz/500 Hz/2.4 kHz CW IF Filters •The IF DSP provides quiet and enjoyable high performance HF/50 MHz operation •CONTOUR Control Operation •Manual NOTCH •Digital Noise Reduction (DNR) •IF WIDTH •Digital Microphone Equalizer •IF SHIFT Control •Rugged Aluminum Die-cast chassis with large cooling fan •Internal or External Antenna Tuning System capability

60 m Band U.S. version

HF/VHF/UHF All-Mode Portable Base Transceiver

FT-897D

•High-stability TCXO •Optional Internal Batteries: 4800 mAh x 2 (Power Output: 20 W) •Built-in 3-Message Memory Keyer •IF SHIFT •IF Noise Blanker •Spectrum Scope •200 Memory channels •Alpha-Numeric Labeling for Memories •Multi-Color Dot-Matrix Display •Compatible with ATAS-120A Auto-Tune Antenna •ARTS™ •Smart Search™ •CW Training Feature •Optional Collins® Mechanical Filters •Optional FP-30 Power Supply can be installed in the radio •Optional FC-30 Automatic Antenna Tuner

60 m Band U.S. version

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

FT-857D

•Ultra Compact and 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 •Compatible with ATAS-120A Auto-Tune Antenna •Digital Signal Processing Unit included •Built-in 3-Message Memory Keyer •200 Memory channels •Alpha-Numeric Labeling of Memories •ARTS™ •Smart Search™ •Spectrum Scope •CW Training Feature •Optional FC-30 Automatic Antenna Tuner

60 m Band U.S. version

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

FT-817ND

•Ultra Compact: 5.3"W x 1.5"H x 6.5"D (135 mm W x 38 mm H x 165 mm D) •Multimode Design: SSB, CW, AM, FM, FM-Wide (RX), Packet and Digital •Power Output: 5 W (selectable 0.5/1.0/2.5/5 W) •Wide choice of power sources: FBA-28 Battery Tray (for 8 AA batteries) and FNB-85 Ni-MH Battery Pack included, External DC Cable also included for 13.8 V operation •Two Antenna Ports: BNC on front panel and Type "M" (SO-239) on rear panel •Built-in CW Electronic Keyer •208 Memory Channels •Triple-Color LCD •Spectrum Scope •Optional 10-pole Collins® Mechanical SSB Filter and 500 or 300 Hz CW Filter

QUADRA SYSTEM
1 kW HF/50 MHz Linear Amplifier Power Supply

VL-1000/VP-1000

•Frequency range: 160-6 m bands (160-15 and 6 m bands in USA) •1 kW Power Output •Two input and four output jacks •Built-in Automatic Antenna Tuner •Matching VP-1000 Power Supply provides 48 V DC at 48 A

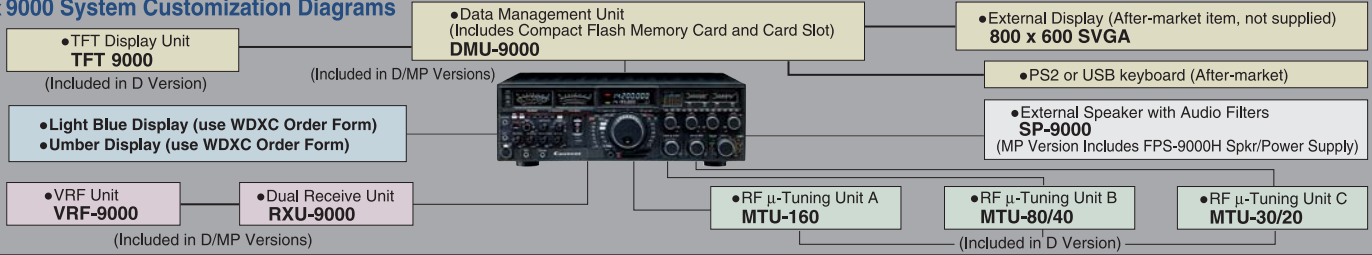**1.5 kW HF/50 MHz Liner Amplifier (50 MHz/1 kW) / Power Supply**

VL-2000/VP-2000

•Frequency range: 160 - 6 m bands (160 – 15 and 6 m bands in USA) •1.5 kW Power Output (6 m/1 kW) •Two input and four output jacks (plus an additional ANTENNA DIRECT jack) •Built-in Ultra high speed Automatic Antenna Tuner •Matching VP-2000 Power Supply provides 48 V DC at 63 A

ALL MODE Transceivers

FT DX 9000 System Customization Diagrams

- **TFT Display Unit** — **TFT 9000** (Included in D Version)
- **Data Management Unit** (Includes Compact Flash Memory Card and Card Slot) — **DMU-9000** (Included in D/MP Versions)
- **External Display** (After-market item, not supplied) — **800 x 600 SVGA**
- **PS2 or USB keyboard** (After-market)
- **Light Blue Display** (use WDXC Order Form)
- **Umber Display** (use WDXC Order Form)
- **External Speaker with Audio Filters** — **SP-9000** (MP Version Includes FPS-9000H Spkr/Power Supply)
- **VRF Unit** — **VRF-9000**
- **Dual Receive Unit** — **RXU-9000** (Included in D/MP Versions)
- **RF μ-Tuning Unit A** — **MTU-160**
- **RF μ-Tuning Unit B** — **MTU-80/40**
- **RF μ-Tuning Unit C** — **MTU-30/20** (Included in D Version)

MODEL		FT DX 9000 Series	FT DX 5000 Series	FT-2000 Series	FT-950	FT-450D	FT-897D	FT-857D	FT-817ND
MICROPHONES/SPEAKERS									
MD-200A8X	Desk-Top Dynamic Microphone	●	●	●	●	●	●	●	●
MD-100A8X	Desk-Top Microphone	●	●	●	●	●	●	●	●
MH-31A8J	Hand Microphone					(Included)	(Included)	(Included)	(Included)
MH-31B8	Hand Microphone	●	(Included)	(Included)	(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		●	●	●				
XF-126CN	Roofing Filter (300 Hz)		● (5000D/5000)						
YF-122S	Collins® SSB Filter (2.3 kHz/4.7 kHz: -6 dB/-60 dB)							●	●	● *3
YF-122C	Collins® CW Filter (500 Hz/2 kHz: -6 dB/-60 dB)			(Sub RX) ● *2			●	●	● *3
YF-122CN	Collins® CW Filter (300 Hz/1 kHz: -6 dB/-60 dB)			(Sub RX) ● *2			●	●	● *3
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)				●	●	●	●	
OTHERS									
DVS-6	Voice Memory Unit				●				
SM-5000	Station Monitor		● (5000)						
ADMS-4AU	Windows™ PC Programming Software (USB)								●
ADMS-4BU	Windows™ PC Programming Software (USB)						●	●	
VL-2000/VP-2000	1.5kW HF/1 kW 50 MHz Linear Amplifier (Includes VP-2000 Power Supply)	●	●	●	●	●	●	●	
VL-1000/VP-1000	1kW HF/50 MHz Linear Amplifier (Includes VP-1000 Power Supply)	●	●	●	●	●	●	●	
CT-39A	Packet Cable					●	●	●	●
CT-58	Band Data Cable						●	●	
CT-62	CAT Interface Cable						●	●	●
CT-118	Band Data Cable				●				
T9207451	Linear Connection Cable				●	●			
CSC-83	Soft Case								●
DMU-2000	Data Management Unit		●	●	●				
FH-2	Remote Control Keypad	(Included)	(Included)	●	●				
FNB-85	Ni-MH Battery Pack (9.6 V, 1400 mAh)								(Included)
FNB-78	Ni-MH Battery Pack (13.2 V, 4500 mAh)						●		
NC-86B/C/U*1	Ni-MH Battery Charger for FNB-85								(Included)
PA-26B/C/U*1	Charger for FNB-78 (requires CD-24)						●		
CD-24	Ni-MH Battery Charger for FNB-78						●		
FP-1030A	25 Amp Power Supply				●	●	●	●	●
FP-1023	23 Amp Compact Power Supply (U.S.A. only)				●	●	●	●	●
FP-30	Docking AC Power Supply						●		
YSK-857	Separation Kit							●	
MMB-90	Mobile Bracket					●			
MHG-1	Side Carry Handle					●			

*1 "B" for 120 VAC, "C" for 220-240 VAC and "U" for 220-240 VAC w/UK plug   *2 One of two filters (CW 500 Hz or 300 Hz) can be installed   *3 One of these the filters (SSB 2.3 kHz, CW 500 Hz or 300 Hz) can be installed

MISCELLANEOUS

YA-007FG Mobile Fiberglass HF Whip Antenna (7-54 MHz)-150W 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-450D/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-450D/FT-897D/857D

DUAL BAND DUAL RECEIVE

50 W 2 m/70 cm Dual Band FM Mobile (1.25 m band available for the USA version)   **Bluetooth**®

FTM-350AR / FTM-350AE

•Large (5.2" x 1.6"/130 x 40 mm) dot matrix (264 x 64 dots) LCD display for comfortable viewing both 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 or optional FGPS-2 External GPS Receiver and Antenna) •Huge memory with 1038 channels •Dual Band AF Monitor for listening to FM/AM broadcast while monitoring the Amateur bands •The Display Control Head is designed for easy separation form the main RF unit •Tough aluminum die-cast chassis •10 ft/3 m remote control cable included (optional 20 ft/6 m control cable) •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 •One-touch Vacuum Cup Mounting Bracket with adjustable viewing angle (MMB-98 supplied)

DUAL BAND

IP57 Submersible 3 feet for 30 min Front panel

2 m/70 cm Dual Band FM Mobile (2 m 50 W / 70 cm 40 W)   **Bluetooth**®

FTM-10R / FTM-10E

•High-Power TX output 50 W (430 MHz 40 W) •Waterproof at 3 feet/1 m for 30 minutes, and protection against dust (Front panel meets IP57 standard) •Illuminated Keys with high brightness LEDs •Bright ocean blue negative type LCD display •Compact size: FTM-10R/E:4.48" W x 1.50" H x 7.12" D (112 mm W x 37.6 mm H x 178 mm D) •PTT button is on the Detachable Front Panel •Complete hands free operation when using the optional wireless Bluetooth® •High power 8-watt audio amplifier and a PA function with optional MLS-200-M10 •500 Memory Channels with 8-digit alphanumeric tags •Built-in AM/FM (stereo) broadcast receiver •AF Dual receiving between AM/FM radio and Amateur bands •Message function compatible with VX-3R/E, VX-8DR/DE, VX-8GR/GE and FTM-10R/E •ARTS™ •Smart Search™ •Built-in VOX Function •Wireless Cloning function

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) •CTCSS and DCS Encode / Decode Built-in •ARTS™ (Auto-Range Transponder System) •Smart Search™ (Automatic Memory Loading System) •Hyper Memory •Ample 800 Memory Channel Capacity •RF Squelch •Internet Key for Instant Access to WiRES-II™ •1200/9600 bps Packet Operation

75 W 2 m Heavy-Duty FM Mobile

FT-2900R / FT-2900E

•75 Watts Power Output •Die-cast Chassis with Aluminum Heat-sink (not requiring a fan) •200 Regular Memory Channels •Alpha-numeric Channels Display •CTCSS and DCS Encode/Decode Built-in •Versatile Scanning Capability •WX Channels with "Severe Weather" Alert (USA version only) •Smart Search™ •Internet Key for Instant Access to WiRES-II™ •Wide/Narrow Deviation Selection •RF Squelch •Interactive Programming Menu •Supplied Voltage Indication •Time-Out Timer (TOT) •Automatic Power-Off (APO) •Automatic Repeater Shift(ARS) •4-level Display Dimmer •Dual Watch

DUAL BAND DUAL RECEIVE

50 W 2m/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 Keys on the Microphone •CTCSS and DCS Encode / Decode Built-in •ARTS™ (Auto-Range Transponder System) •Smart Search™ (Automatic Memory Loading System) •Hyper Memory •Huge Memory with 1000+ Channels •RF Squelch •Internet Key for Instant Access to WiRES-II™ •1200/9600 bps Packet Operation

55 W 2 m Ultra Rugged FM Mobile

FT-1900R / FT-1900E

55 W 70 cm Ultra Rugged FM Mobile

FT-1907R (Asia Market only)

•200 Regular Memory Channels with Alpha-numeric tags (maximum 6 characters) •Eight Memory Banks for Channel allocation •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 (ARS) •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 •Memory-Only Mode •Password function •Versatile Scanning Function: Preferential Memory Scan, Programmable memory scan, VFO Scan, Priority Channel Scanning (Dual Watch), Memory Bank Link Scan and Weather Alert Scan (USA version only) •Internet Key for Instant Access to WiRES-II™ •Programming Key Assignments (4 keys) •WX channels with "Seven Weather" Alert (USA version only) •ARTS™ (Auto-Range Transponder System) •CW Training •Smart Search™ •Time-Out Timer (TOT) •Automatic Power-Off (APO) •Busy Channel Lock-Out (BCLO) •Adjustable TX Deviation Level •Cloning

DUAL BAND

50 W 2m/70 cm Dual Band FM Mobile

FT-7900R / FT-7900E

•One-Touch Hyper Memories Feature •High-Power 50 W (435 MHz: 45 W) •Wide Frequency Coverage: TX: 144-146(148) MHz and 430-440(450) MHz, RX: 108-520 MHz, 700-999.990 MHz (USA: Cellular Blocked) •Remote Front Panel Design (Optional YSK-7800 Required) •The LCD display indicate the operating frequency, the status of functions, and the alpha-numeric memory labels •1000 Memory Channels with 20 Memory Groups •Built-in CTCSS and DCS Encode / Decode •16 DTMF Memories can store 16 digits •Versatile Scanning Function: VFO Scan, Memory Channel Scan, Programmable Memory Scan and Priority Scan •Smart Search™ •1200 or 9600 bps Packet Operation •Internet Key for Instant Access to WiRES-II™ •ARTS™ (Auto-Range Transponder System) •Automatic Repeater Shift (ARS) •Automatic Power Off (APO) •Time-Out Timer (TOT) •Radio to Radio Cloning

WiRES-II

WiRES-II™ 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, PA-48C/U
http://www.vxstd.com/en/wiresinfo-en/

Accessories & Options

Mobile Transceivers		FTM-350AR/AE	FT-8900R/E	FT-8800R/E	FT-7900R/E	FTM-10R/E	FT-2900R/E	FT-1907R	FT-1900R/E
MICROPHONES/SPEAKER									
MH-42B6JS	Hand Microphone with 1750 Hz Burst Button (supplied w/European and Asian versions)		●	●	●		●	●	●
MH-42C6J	Normal Microphone	●							
MH-48A6JA	DTMF Microphone (Supplied in USA version)	(Included)	●	(Included)	(Included)		(Included)	(Included)	(Included)
MH-68A6J	Waterproof DTMF Microphone					●			
MH-68B6J	Waterproof Microphone					●			
BH-1A	Waterproof Bluetooth® Headset (Stereo Type)	●				●			
BH-2A	Waterproof Bluetooth® Headset (Monaural Type)	●				●			
FEP-4	Earpiece Earphone for BH-1A	●				●			
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 Handset Connection Cable					●			
CT-133	GPS Extension Cable (for FGPS-2)	●							
COX-2MM	Antenna Cable					●			
OTHERS									
ADMS-2H	Windows™ PC Programming Kit		●						
ADMS-2I	Windows™ PC Programming Kit			●					
ADMS-350	Windows™ PC Programming Kit	●							
ADMS-1900	Windows™ PC Programming Kit							●	●
ADMS-2900	Windows™ PC Programming Kit						●		
ADMS-7900	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 (23 A) USA Only	●	●	●	●	●	●	●	●
FGPS-2	External GPS Antenna Unit (requires CT-136 and CT-133)	●							
CT-136	External GPS adapter for FGPS-2	●							
FPR-1	Monitor Unit	●							
FGPS-1	Internal GPS Receiver/Antenna Unit	●							
BU-1	Bluetooth® Unit	●				●			
CAB-1	Charger Sleeve for BH-1A, BH-2A AND FPR-1	●				●			
FVS-2	Voice Guide Unit	●							
YHA-M10	VHF/UHF Mobile Antenna					●			
AMK-1	Antenna Mounting Bracket for License Plate					●			

ROTATORS

Extra Heavy-duty
G-2800DX Series

Heavy-duty
G-1000DX Series
Medium-duty
G-800DX Series

Heavy-duty
G-1000 Series
Medium-duty
G-800SA

Light/Medium-duty
G-650 Series
(Euro and Asia Market only)
G-450 Series

Azimuth-Elevation
Rotator combination
G-5500

Elevation only
G-550

	117V	220V	220V(CE)		117V	220V	220V(CE)
G-2800DXA	●	●		G-800SA	●	●	
G-2800DXC			●	G-650A		●	
G-1000DXA	●	●		G-650C			●
G-1000DXC			●	G-450A	●	●	
G-1000A		●		G-450C			●
G-1000C			●	G-5500	●	●	
G-800DXA	●	●		G-550	●	●	

On models with "DXA/DXC" suffix, rotation speed and torque will vary with the speed control setting.

Accessories for Rotators

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	50 mm Thrust Bearing (Mast Diameter 1 1/4 ~ 2 inch)
GS-065	65 mm Thrust Bearing (Mast Diameter 1 1/2 ~ 2 1/2 inch)
GS-680U	Universal Bearing
GA-3000	Absorber Joint for G-2800DXA/DXC Rotators
GA-2500	Absorber Joint for G-1000DXA/DXC, G-800XA, G-800SA, and G-450A/C Rotators
GS-232B	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

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

6 m/2 m/70 cm (222 MHz: U.S. version) Tri-band FM Handheld
Heavy Duty: IPX7 (3 ft/1 m for 30 minutes) Waterproof Rating
Bluetooth® for hands-free Operation with optional accessories
Huge Memory with 1830 channels
Built-in Barometric Pressure and Temperature sensor
Internal Bar Antenna for better AM broadcast band reception
Wideband Receive capability (A Band: 500 kHz- 999.990 MHz)

•Ultra-Rugged Polycarbonate Resin Front Panel with Aluminum die-cast chassis •1.0 W operation capability with 3 AA batteries (requires optional FBA-39) •Real Dual ham Band Operation (V+V / U+U / V+U) •The large LCD display provides clear and easy-to-read information •Four independent durable key buttons on the side, in addition to the front numeric keypad •Independent A and B Band Keys with TX/Busy indication •Dual band AF Dual monitor function •CW Training feature •Emergency Automatic ID system,Emergency Strobe/Beep, and Busy strobe LED functions •Message feature (compatible with VX-3R/E, VX-8DR/DE, VX-8GR/GE, FTM-10R/E and FTM-10SR/SE) •Built-in CTCSS and DCS Encode/Decode •WiRES-II™ Internet Linking capability •Battery saver •Auto-range Transponding System (ARTS™)

•The optional CT-136 is available to connect the FGPS-2 GPS Antenna to the microphone connector

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

5 W Ultra-Rugged, Built-in GPS receiver
2 m /70 cm Dual-Band FM Handheld

VX-8GR / VX-8GE

2 m/70 cm Dual-band FM Handheld
Built-in GPS Antenna (Optional GPS antenna is not required)
External Data Jack for other data communications
Fully Ruggedized and Water Resistant (IPX5) design
Huge Memory with 1327 channels
Wideband Receive capability (A Band: 108 MHz- 999.990 MHz)

•Ultra-Rugged Polycarbonate Resin Front Panel with Aluminum die-cast chassis •1.0 W operation capability with 3 AA batteries (requires optional FBA-39) •Real Dual ham Band Operation (V+V / U+U / V+U) •Large, clear and easy-to-read LCD display •Four independent durable buttons on the side, in addition to the front numeric keypad •Independent A and B Band Keys with TX/Busy indication •Vibrate Alert Function when a message is received •CW Training feature •Emergency Automatic ID system, Emergency Strobe/Beep and Busy strobe LED functions •Message feature (compatible with VX-3R/E, FTM-10R/E and FTM-10SR/SE) •Built-in CTCSS and DCS Encode/Decode •WiRES-II™ Internet Linking capability •Battery saver •Auto-range Transponding System (ARTS™)

•Built-in GPS unit/antenna (The photo is for illustration only)

•Vibrate Alert Function The Vibrate Pattern is selectable from three styles

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

The VX-8 series radios are compatible with the worldwide 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**
•**Clear display of the APRS® Beacon Messages**
•**LED flashing when receiving the Selective Message**

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

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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 (Black)

•5 W TX Power on 50/144/430 MHz, 1.5 W on 222 MHz (U.S. version) •True Dual Receive: V-V/U-U/V-U/GEN-HAM •Weather Broadcast Memory Bank with "Severe Weather" Alert •Over 500 Memory Channels •Shortwave and Marine Memory Banks •10 "Hyper" Memories •Rugged Magnesium Case •1300 mAh Lithium-Ion Battery Supplied •CTCSS and DCS Encode/ Decode •Dot 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

•5W TX Power on 144/430 MHz, 1.5 W on 222 MHz (U.S version) •Wide Receiver Coverage: 0.5~998.99 MHz (cellular blocked) •Over 1000 Memories with Labeling and 24 Memory Groups •One-touch Direct Memory Recall •EAI (Emergency Automatic ID) for Search and Rescue work •Enhanced Paging and Code Squelch •1300 mAh Lithium-Ion Battery Supplied •Security Password when turning on the radio •Split CTCSS/DCS Tone Capability •CW Training Feature

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 supplied •Emergency Automatic ID (EAI) •Dual-CTCSS Enhanced Paging •NOAA Weather Bank with Alert Scan (USA version) •Over 1000 Memory Channels with 10 Banks •Split CTCSS/DCS and DCS Encode-only modes available •Two programmable keys at the front panel •Mono-band and Memory-only modes capability

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 mm W x 81 mm H x 23 mm D) with FNB-82Ll and antenna •1.5 W Output with internal battery (70 cm: 1 W) •3 W Output with External DC (70cm : 2 W) •Long-life 1100 mAh Lithium-Ion Battery included •3 x "AA" Alkaline Dry Cell battery operation (optional FBA-37 Battery Case required) •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 (USA version) •CTCSS and DCS Encode/Decode with Tone Search and "Split" tone modes •WiRES-II™ Internet Access Key •New mechanical Dial Lock function •Aluminum Die-Cast Chassis •Emergency feature included •CW training feature •Message function compatible with VX-8DR/DE, VX-8GR/GE, FTM-10R/E and FTM-10SR/SE

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 •Versatile Scanning Function: VFO / Memory / PMS / Dual Watch •Nine DTMF Auto-dialer memories •Keypad/Dial Lockout Capability •Two front panel programmable keys •TX and RX Battery Saver functions •Convenient Access key for WiRES-II™ •RF squelch (only passes 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 (±5 kHz 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)

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

5 W Submersible Full Featured
2 m Compact FM Handheld

5 W Submersible Full Featured
70 cm Compact FM Handheld

FT-270R / FT-270E   FT-277R

•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 AA batteries) •Loud Audio 800 mW with the Internal Speaker •Long Life FNB-83 (7.2 V/ 1400 mAh) and Overnight Charger included •Paging and Code Squelch (EPCS) •Password function •CTCSS and DCS Encode/Decode •Versatile Scanning Functions: VFO / Memory / PMS /Dual Watch •Nine DTMF Auto-dialer memories •Keypad / Dual Lockout capability •WiRES-II™ Internet Access key •RF squelch •Memory-only mode •Rugged case construction (IPX7, 3 ft/ 1 m 30minutes) •Large LCD Display •Smart Search™ •Battery Voltage Indication •Adjustable TX Deviation Level (± 5 kHz or ± 2.5 kHz) •Time-Out Timer (TOT) and Automatic Power-Off (APO) •Busy Channel Lock-Out (BCLO) •Automatic Repeater Shift (ARS) •ARTS™

Accessories & Options

Handheld Transceivers		VX-8DR/E	VX-8GR/E	VX-7R/RB	VX-6R/E	VX-3R/E	FT-60R/E	FT-277R FT-270R/E	FT-250R/E
PROGRAMMING KIT									
ADMS	Windows™ PC Programming Kit	ADMS-VX8	ADMS-VX8G	ADMS-1G	ADMS-VX6	ADMS-VX3	ADMS-1J	ADMS-277/270	ADMS-250
SOFT CASE									
CSC	Soft Vinyl Case	CSC-93	CSC-95	CSC-88	CSC-91	CSC-92			
MICROPHONE/HEADSET									
MH-34B4B	Compact Speaker / Microphone		●			●	●		●
MH-37A4B	Compact Lapel Mic with Earpiece		●			●	●		●
MH-57A4B	Compact Speaker / Microphone			●	●			●	
MH-73A4B	Waterproof Speaker / Microphone			●	●				
MH-74A7A	Waterproof Speaker / Microphone	●							
VC-24	Lightweight VOX (Voice-Operated) Headset				●			●	
VC-25	Lightweight VOX (Voice-Operated) Headset		●			●	●		●
VC-27	Earpiece / Microphone			●	●			●	
Bluetooth® OPTIONS									
BH-1A	Bluetooth® Handset with stereo earphone jack	●							
BH-2A	Bluetooth® Handset	●							
BU-1	Bluetooth® Adapter Unit	●							
FEP-4	Earphone (Stereo) for BH-1A Bluetooth® Headset	●							
GPS OPTIONS									
FGPS-2	GPS Antenna Unit	●							
CT-136	GPS Antenna Adapter for FGPS-2	●							
CABLES & ADAPTORS									
E-DC-21	DC Cable with Voltage Regulator and Cigarette-Lighter Plug					●			
E-DC-5B	DC Cable with Cigarette-Lighter Plug	●	●	●	●		●	●	●
E-DC-6	DC Cable (Plug and Wire Only)	●	●	●	●		●	●	●
CN-3	Adapter for use with BNC Connector	●	●	●	●	●	●	●	●
CT-27	Radio to Radio Cloning Cable						●	●	
CT-91	Microphone Adapter			●	●			●	
CT-44	For packet Interface or use with earlier Yaesu MIC		●				●	●	●
CT-144	Cloning Cable (2.5 ∅- 2.5 ∅)		●						
CT-143	Data Cable (2.5 ∅- Dsub 9 PIN)		●						
CT-134	Cloning Cable	●							
CT-131	Microphone Adapter	●							
BATTERY PACK & BATTERY TRAY									
FBA-23	2 x AA Alkaline Cells Battery Tray			●	●				
FBA-25A	6 x AA Size Alkaline Cells Battery Tray						●	●	●
FBA-37	3 x AA Alkaline Cells Battery Tray					●			
FBA-39	3 x AA Size Alkaline Cells Battery Tray	●	●						
FNB-83	Ni-MH Battery Pack (7.2 V, 1400 mAh)						(Included)	(Included)	(Included)
FNB-80LI	Lithium-ion Battery Pack (7.4 V, 1400 mAh)			(Included)	(Included)				
FNB-82LI	Lithium-ion Battery Pack (3.7 V, 1100 mAh)					(Included)			
FNB-101LI	Lithium-ion Battery Pack (7.4 V, 1000 mAh)	(Included)	(Included)						
FNB-102LI	High Capacity Lithium-ion Battery Pack (7.4 V, 1800 mAh)	●	●						
BATTERY CHARGERS									
CD-15A	Rapid Charger (2.5 hours)			●	●				
CD-26	Charger Cradle							●	
CD-40	Charger Cradle (3 hours) for BH-1A/BH-2A Bluetooth® Headset	●							
CD-41	Rapid Charger (2.5 hours)	●	●						
CD-47	Desktop Rapid Charger (4 hours) Requires PA-43B/C/U*4							●	(Included)
VAC-370B/C*4	Rapid Charger (1.5 hours)						●		
NC-72B/C/U*4	Wall Charger (for FNB-64)			●	●				
NC-85B/C/U*4	Wall Charger (for FNB-82LI, CD-40 Cradle)	●				●			
NC-86B/C/U*4	Battery Charger (5 hrs/FNB-101LI, 8 hrs/FNB-102LI)	●	●						
NC-88B/C/U*4	Wall Charger (for FNB-83)							●	
PA-43B/C/U*4 (CE)	AC Adapter (CE) for CD-47							●	●
PA-44C/U*4 (CE)	AC Adapter (CE)	●	●				●	●	
PA-46C/U*4 (CE)	AC Adapter (CE)					●			
PA-48C/U*4 (CE)	AC Adapter (CE)			●	●				
OTHERS									
SU-1	Barometric Pressure Sensor			●	●				
FTD-7	DTMF Paging Unit							●	

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

RECEIVERS

Wideband Receiver
VR-160
•Wideband Coverage:
0.1-1299.990 MHz
AM/FM/WFM
(Euro and Asia Market only)

Wideband Receiver
VR-120D
•Wideband Coverage:
0.1-1299.990 MHz
AM/FM/WFM
(Euro and Asia Market only)

Accessories for Receivers

MODEL		VR-160	VR-120D
ADMS-5	Advanced Data Management System	●	
CSC-92	Soft Case	●	
CSC-76	Soft Case		●
FNB-82LI	3.7 V, 1100 mAh Rechargeable Lithium Ion Battery	●	
FNB-79MH	2.4 V, 1200 mAh Rechargeable Ni-MH Battery		●
FBA-37	Dry Cell Battery Case for 3 x "AA" Alkaline Cells	●	
NC-82	Charger Stand with CA-34		●
CA-34	Charger Sleeve with NC-82		●
PA-46C/U*4	AC Adapter (CE)	●	●
PA-30C/U*4	AC Adapter		●
CT-35	Cloning Cable		●
CN-3	BNC-to-SMA Adapter	●	
E-DC-15	DC Cable with Cigar-Lighter Plug		●
E-DC-21	DC Cable with Cigar-Lighter Plug	●	

Specifications

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 x181)	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 x181)	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,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)	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,RTTY, PACKET,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,RTTY, PACKET,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-450D 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)	8.8 lbs 4.0 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)	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-350AR/AE DC	0.5 - 1.8 MHz 76 - 250 MHz 300 - 999.99 MHz*	2 m 70 cm Amateur Bands	FM, PKT 1200/9600 AM (RX)	50/20//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/E DC	28 - 29.7 MHz 50 - 54 MHz 108 - 180 MHz 320 - 480 MHz 700 - 985 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	504-1710 kHz 76-222 MHz 300-999.99 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
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	420-470 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	144-146 MHz or 136-174 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)	With FNB-101LI 2.4 x 3.7 x 0.9 (60 x 95 x 24.2)	8.8 oz 250 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 - 998.99 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-80LI 2.3 x 3.4 x 1.1 (58 x 87 x 28)	9.5 oz 270 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)
FT-270R/E	144-146 MHz or 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)
FT-277R	430-440 MHz or 400-480 MHz	70 cm Amateur Band	FM	5 W (w/FNB-83 Battery)	0.2 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)
FT-250R/E	144-146 MHz or 136-174 MHz	2 m Amateur Band	FM	5 W (w/FNB-83 Battery)	0.16 μV (12 dB SINAD)	With FNB-83 2.3 x 4.3 x 1.0 (58 x 108.5 x 26.5)	12.4 oz 352 g (w/FNB-83,ANT)

YAESU
Amateur Radio Division of Vertex Standard

VEGETABLE OIL INK

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