



2006-2007 CATALOG AMATEUR RADIO EQUIPMENT



ALL MODE TRANSCEIVERS

HF/50 MHz Transceiver
The radio : FT DX 9000
 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!



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 Key Jacks, and Dual Headphone Jacks
- 50 V/12 A Internal Switching Regulator Power Supply

200 W Version

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

DSP

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



HF/50 MHz Transceiver

DSP

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

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

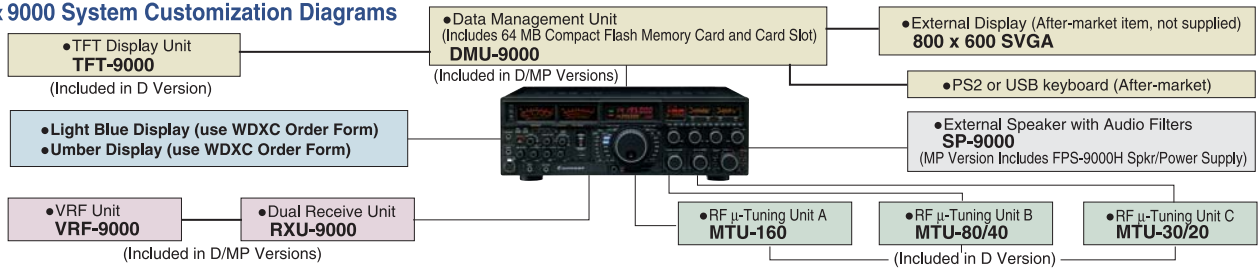
FT-817ND

- 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

ALL MODE Transceivers

FT dx 9000 System Customization Diagrams



MODEL		FT dx 9000 Series	FT-2000	FT-897D	FT-857D	FT-817ND
MICROPHONES/SPEAKERS						
MD-200A8X	Desk-Top Dynamic Microphone	●	●	●	●	
MD-100A8X	Desk-Top 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		●			
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)			●	●	
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			●	●	●
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				●	

*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

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.)

<p>ATAS-25 Manually-Tuned Portable Antenna</p>  <p>ATAS MICRO</p> <p>For FT-817ND/897D</p>	<p>ATAS-120A High Speed Active-Tuning Antenna System</p>  <p>PowerGain™</p> <p>For FT-897D/857D</p>	<p>FC-40 Automatic-Matching 200-Memory Antenna Tuner</p>  <p>WATERPROOF</p> <p>For FT-897D/857D</p>
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MOBILE TRANSCEIVERS

E for European 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 (50/430 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™

DUAL BAND



50 W 2 m/70 cm Dual Band FM Mobile

FT-7800R/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™

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

FT-1802M/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

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



HANDHELD TRANSCEIVERS

E for European Version

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-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



5 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



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

VX-2R/E

- 1.5 W Output w/internal battery (430 MHz: 1 W) •3W Output w/External DC (430 MHz: 2 W) •Long-life 1000 mAh Lithium-Ion Battery included.
- Wide-band Receive •Over 1300 Memories! •Special Marine, Shortwave, and NOAA Wx Memory Banks •CTCSS and DCS Encode/Decode •Tone Search and "Split" tone modes •WIRES™ Internet Access Key
- Rugged Die-Cast Aluminum Case



5 W Submersible Full Featured FM Handheld 2 m VX-170/120 • 70 cm VX-177/127

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

5 W Full Featured 2 m FM Handheld

VX-150/VX-110



RECEIVERS

Wideband Receiver

VR-120D

- Wideband Coverage: 0.1-1299.995* MHz AM/FM/Wide-FM •Rugged outdoor-ready case construction
- Ultra-long battery life •BNC-type antenna connector •Straightforward 4-button operation •Versatile 640-channel memory system



All-Mode Wideband Receiver

VR-500

- Frequency coverage : 0.1-1299.99995 MHz** •Modes : NFM,WFM,AM,USB, LSB, CW
- Multiple Power Source Capability •Polycarbonate Case •Real-Time 60-ch* Band Scope *Range 6 MHz / Step 100kHz
- Full Illumination For Display And Keypad •Convenient "Preset" Operating Mode •Front-end 20 dB Attenuator



All-Mode Wideband Receiver

VR-5000

- Frequency Coverage: 100 kHz-2599.99998MHz**
 - Modes: CW,LSB,USB,AM,AM-N,WAM,FM-N,WFM
 - Real-Time Band Scope •DSP Bandpass, Notch, and Noise Reduction Filters* •2000 Memory Channels •World Clock •Digital Voice Recorder (optional) •Case Size: 7.1" x 2.8" x 8.0" WHD (180 x 70 x 203 mm) •Weight (approx.): 4.2 lb. (1.9 kg)
- *Optional DSP-1 Unit required.
**Cellular and cellular-image frequencies are blocked.



ROTATORS

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



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



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



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

Mobile Transceivers

MODEL		FT-8900R/E	FT-8800R/E	FT-7800R/E	FT-1802M/1807M	FT-2800M
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)	●	●	●	●	
MLS-100	High-Power External Speaker	●	●	●	●	●
BRACKET						
MMB-60	Quick Release Mobile Mounting Bracket	●	●	●		
MMB-36	Mobile Mounting Bracket				●	
CABLES						
YSK-8900	Separation Kit	●	●			
YSK-7800	Separation Kit			●		
CT-39A	Packet Interface 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)	●	●	●		
FP-1030A	AC Power Supply (25 A)	●	●	●	●	●

Handheld Transceivers

MODEL		VX-7R/RB	VX-6R/E	VX-2R/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-1H	Windows™ PC Programming Kit			●			
ADMS-1J	Windows™ PC Programming Kit				●		
ADMS-VX6	Windows™ PC Programming Kit		●				
ADMS-VX170	Windows™ PC Programming Kit					●	
CSC-88	Soft Vinyl Case	●					
CSC-90	Soft Vinyl Case			●			
CSC-91	Soft Vinyl Case		●				
MH-34B4B	Compact Speaker / Microphone			●	●		●
MH-37A4B	Compact Lapel Mic with Earpiece			●	●		●
MH-57A4B	Compact Speaker / Microphone	●	●			●	
CMP460A	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				●	●	●
FNB-83	Ni-MH 7.2 V, 1400 mAh Battery (5 Watt)				●	●	●
FNB-64	Ni-Cd 7.2 V, 700 mAh Battery (5 Watt)				●	●	●
FNB-V57	Ni-Cd 7.2 V, 1100 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					●	
CA-24	Charger Sleeve (requires CD-16)						●
CD-15A	Rapid Charger (2.5 hours)	●	●				
CD-16	Desktop Rapid Charger (requires CA-24 and PA-23)						●
CD-26	Charger Cradle					●	
NC-85B/C/U*4	Wall Charger (for FNB-82LI)		●				
NC-72B/C/U*4	Wall Charger (for FNB-64)	●					●
VAC-370B/C/U*4	Desktop Rapid Charger				●	●	
PA-23	AC Adapter						●
YHA-62	Rubber flex antenna						●

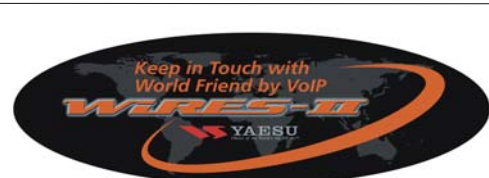
*4 B for 120 VAC/C for 220-240 VAC/U for 220-240 VAC w/UK plug.

Receivers

MODEL		VR-120D	VR-500	VR-5000
ADMS-3	Windows™ PC Programming Kit		●	
DSP-1	DSP Unit			●
FVS-1A	Voice Synthesizer Unit			●
DVS-4	Digital Voice Recorder Unit			●
CSC-72	Soft Case		●	
CSC-76	Soft Case	●		
FNB-79	Ni-Cd Battery Pack	●		
NC-60B/C/U*	AC Adapter (117/234 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

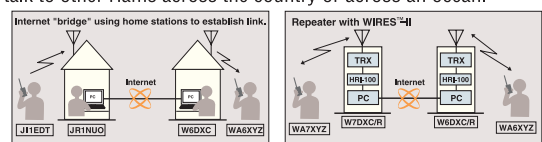
MODEL	
GC-038	Mast Clamp for G-1000DXA/DXC, G-800DXA, G-800SA, and G-450A/C Rotators
GC-048	Mast Clamp for G-2800DXA/DXC Rotators
GS-050	Thrust Bearing
GS-065	Thrust Bearing
GS-680U	Universal Bearing
GA-3000	Absorber Joint for G-2800DXA/DXC Rotators
GA-2500	Absorber Joint for G-1000DXA/DXC, G-800DXA, 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
GL-33	Mast Adjustment Plate



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 handheld 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*4



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
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 17.5kg
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 15kg
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) 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)	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	100 kHz-30 MHz 50-54 MHz 76-108 MHz (V-FM) 108-154 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: 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-1802M 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-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-2R/E	0.5-999 MHz*	2 m 70 cm Amateur Bands	FM, AM(RX)	2m: 1.5 W, 70 cm: 1W (w/FNB-82LI) 2 m: 3W, 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 132 g (w/FNB-80LI,ANT)
VX-170E/120E	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-177E/127E	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-64 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-64,ANT)

*800 MHz cellular blocked, not restorable. 824-849 MHz and 869-894 MHz reception not available (USA Version). **0.55 μV (902-928 MHz) ***0.3 μV (902-928 MHz) ****6m:SSB 0.2 μV, AM 0.5 μV, FM 0.25 μV
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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