



HX400E

COMMERCIAL GRADE VHF WITH LMR CHANNELS

◀ **Supplied Accessories:**
 CAT460 Antenna, FNB-115LI 7.4 V 2300 mAh Li-Ion Battery Pack, CD-50 Charger Cradle, PA-45 Wall Charger, CLIP-22 Belt Clip and Hand Strap

Overall Dimensions: 57W x 133H x 40D mm
 Weight: 350 g (w/FNB-115LI, Belt Clip & Antenna)



- 40 Programmable Land Mobile Channels 134 MHz to 174 MHz with CTCSS and DCS signaling
- 700 mW Loud Audio Output • Selectable 5 and 1 Watt transmit power output
- Supplied with 7.4 V 2300 mAh Li-Ion battery
- Built-in Noise Cancelling Microphone and Voice Scrambler
- Preset key used to recall up to 10 favorite channels
- Programmable channel names
- Programmable Scan, Priority Scan, and Multi Watch (Dual Watch or Triple Watch)



NEW for 2017 HX407E On-board

COMMERCIAL GRADE UHF ON-BOARD RADIO

◀ **Supplied Accessories:**
 SRA-14 Antenna, FNB-115LI 7.4 V 2300 mAh Li-Ion Battery Pack, CD-50 Charger Cradle, PA-45 Wall Charger, CLIP-22 Belt Clip and Hand Strap

Overall Dimensions: 57W x 133H x 40D mm
 Weight: 350 g (w/FNB-115LI, Belt Clip & Antenna)



- Selectable 1.5 and 0.5 Watt transmit power output
- Programmable channel names
- 40 Programmable Marine UHF Channels 400 MHz to 470 MHz
- Noise cancelling function for transmit and receive audio
- Voice Scrambler and Audio Tone Control
- 700 mW Loud Audio Output
- Supplied with 7.4 V 2300 mAh Li-Ion battery

Accessories

Model	Antenna			Battery		Battery Charger			
	CAT460 VHF Marine Antenna	SRA-14G/H/J*5 UHF Marine Antenna	CN-3 BNC-SMA Adapter	Rechargeable	FBA-42 (6 x AA) Alkaline Battery tray	CD-50 Charger Cradle	PA-45C/U*6 AC Adapter	SAD-1460 6 Unit Multi Charger	
HX400E	•*4		•	FNB-115LI 2300 mAh Li-Ion*4	•	•*4	•*4	•	
HX407E On-board		•*4	•	FNB-115LI 2300 mAh Li-Ion*4		•*4	•*4	•	
Model	Speaker Microphone / Vox Headset / Earpiece Microphone						Belt clip		Case
	SSM-14A Submersible speaker microphone with earphone jack*3	MH-57A4B Speaker microphone	MH-73A4B Submersible speaker microphone	CMP460 Submersible speaker microphone	SEP-10A Earphone for SSM-14A	SSM-55A Earpiece/microphone	SSM-64A Vox Headset	CLIP-22 Belt Clip	SHC-18 Leather Case w/ belt loop and shoulder strap
HX400E	•	•	•	•	•	•	•	•	
HX407E ATEX*3	•							•*4	
HX407E On-board	•							•*4	

*4 The same as the supplied accessory *5 G for 400 - 430 MHz / H for 420 - 450 MHz / J for 440 - 470 MHz *6 "C" suffix is for use with 230 VAC (Type-C plug), and "U" suffix is for use with 230 VAC (Type-BF plug)

Standard Horizon reserves the right to make changes and enhancements to products at our discretion. Current specifications are therefore subject to change without notice.

SPECIFICATIONS



MODEL	HX400E	HX407E On-board
GENERAL		
Frequency Range	Marine Band: 156.025 - 162.000 MHz LMR Band: 134 - 174 MHz Li-Ion 2300 mAh	UHF Band: 450 - 470 MHz LMR Band: 400 - 470 MHz Li-Ion 2300 mAh
Battery type / Capacity	Li-Ion 2300 mAh	Li-Ion 2300 mAh
Input Voltage	7.4 VDC	7.4 VDC
Current Drain	Standby: 50 mA Receive: 320 mA (MAX AF Output) Transmit: 1.6 A / 0.8A (5 W / 1 W)	Standby: 70 mA Receive: 320 mA (MAX AF Output) Transmit: 0.8 A / 0.5 A (1 W / 0.5 W)
Overall Dimensions	57W x 133H x 40D mm	57W x 133H x 40D mm
Weight	350 g (w/FNB-115LI, Belt Clip & Antenna)	350 g (w/FNB-115LI, Belt Clip & Antenna)
TRANSMITTER		
RF Output	5 W / 1 W (@7.4 V)	1.5 W / 0.5 W (@7.4 V)
Conducted Spurious Emissions	-75 dBc Typical	-75 dBc Typical
Frequency Stability	±2.5 ppm (-30° C to +60° C)	±2 ppm (-30° C to +60° C)
FM Hum and Noise	40 dB	40 dB
RECEIVER		
Sensitivity (12 dB SINAD)	0.25 µV	0.25 µV
Selectivity	80 dB (25 kHz) / 70 dB (12.5 kHz)	80 dB (25 kHz) / 70 dB (12.5 kHz)
Audio Output	700 mW	700 mW
DSC Format	-	-
NMEA 0183 In/Out	-	-
GPS		
Channels	-	-
Sensitivity	-	-
Time to First Fix	-	-
Geodetic Datum	-	-
SBAS Correction	-	-

STANDARD HORIZON

Standard Horizon reserves the right to make changes and enhancements to products at our discretion. Current specifications are therefore subject to change without notice.

YAESU MUSEN CO., LTD. <http://www.yaesu.com/jp>

Tennozu Parkside Building
2-5-8 Higashi-Shinagawa, Shinagawa-ku, Tokyo 140-0002, Japan

YAESU USA <http://www.yaesu.com>

US Headquarters 6125 Phyllis Drive, Cypress, CA 90630, U.S.A.

YAESU UK <http://www.yaesu.co.uk>

Unit 12, Sun Valley Business Park, Winnall Close
Winchester, Hampshire, SO23 0LB, U.K.

