

# FURUNO

## 30 Watts output power with an intercom function

Model **LH-3000**

### LOUD HAILER



- Hail, Intercom, Alarm functions available
- Built-in high quality speaker
- 30 Watts of output power
- Eight automatic warning signals
- Up to four intercoms are connectable for two-way communication between master and specific remote or all remote stations
- Auxiliary audio input

[www.furuno.com](http://www.furuno.com)

FURUNO's LH-3000 is a high-performance 30 watts loud hailer with an intercom function. The LH-3000 is designed for a wide variety of ships, requiring high quality onboard and ship-to-ship communications under almost any circumstance.

Solidly built and waterproof, the LH-3000 contains a high quality built-in speaker and a microphone. On its front panel, there are easy-to-see states indicators.

By generating voice or eight internationally acknowledged warning signals from the horns, the LH-3000 notifies nearby vessels of your presence and status regardless of visibility conditions.

## SPECIFICATIONS OF Model LH-3000

### GENERAL

#### Output Power

Hailer:	30 W
Intercom:	4.0 W
External Speaker:	4.0 W
Internal Speaker:	2.2 W

#### Input

Microphone Impedance:	600 Ω
Auxiliary Impedance:	10 kΩ
Microphone Sensitivity:	-73 dB ± 3 dB (0dB=1V/uBar)
Auxiliary Sensitivity:	0 dB ±3 dB (1 kHz)

#### Frequency Response

Hail Mode:	100 Hz - 8 kHz at 3 dB
Intercom Mode:	100 Hz - 8 kHz at 3 dB
AUX Mode:	100 Hz - 8 kHz at 3 dB

#### Horn Frequency

520 Hz ±50 Hz

#### Distortion Factor

Hail Mode:	10% (1 kHz 30 W)
Intercom Mode:	10% (1 kHz 4.5 W)

#### Signal to Noise

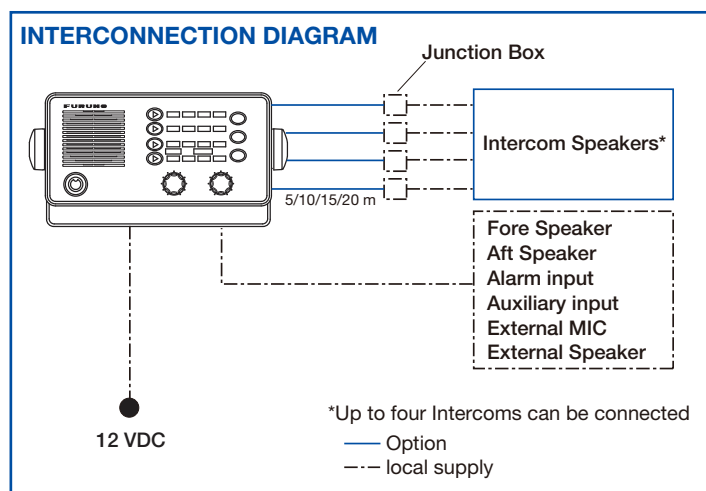
Hail Mode:	60 dB (1 kHz)
Intercom Mode:	60 dB (1 kHz)
AUX Mode:	60 dB (1 kHz)

#### Output Impedance

Hail Speaker:	8 Ω
Intercom Speaker:	4 Ω
External Speaker:	4 Ω

### POWER SUPPLY

12 VDC, 5 A, 280 mA (Standby)



The LH-3000 can also function as an intercom, when connected to optional intercom speakers. Up to four intercoms can be connected for two-way communication between the bridge and one or all intercom stations.

The LH-3000 can be connected to various equipment to enable useful functions. When connected to an external alarm unit, the LH-3000 can function as a security alarm. Furthermore, an auxiliary audio input allows transmission of music or other external audio signals (from CD player, radio and etc.) to the intercom speakers and external horns.

### ENVIRONMENTAL

Temperature:	-15 °C to + 55 °C (IEC 60945)
Waterproofing (Face of panel):	IPX5 (IEC 60529), CFR 46 (USCG)

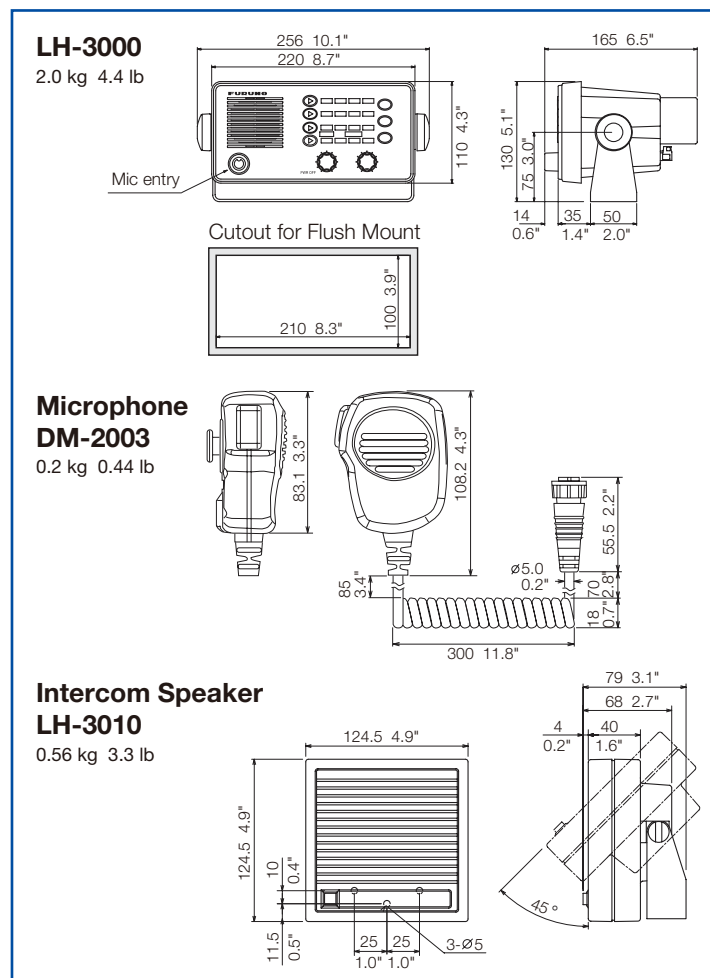
### EQUIPMENT LIST

#### Standard

1. Loud Hailer LH-3000 1 unit
2. Microphone DM-2003 1 unit
3. Installation Materials and Spare Parts 1 set

#### Option

1. Intercom Speaker LH-3010
2. Flush Mount Kit LH-3020
3. Cable for Intercom Speaker 5/10/15/20 m



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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