



# NAVIGATIONAL ECHO SOUNDER

## JFE-680



- **High-resolution and clearly display (10.4" TFT LCD)**
- **Built-in printer for copy of the echogram history**
- **High accuracy and high reliability**
- **Depth data for last 24 hours in memory to play back the past sounding information**
- **Meets IMO standards MSC.74 (69) Annex 4**



*Japan Radio Co., Ltd.*

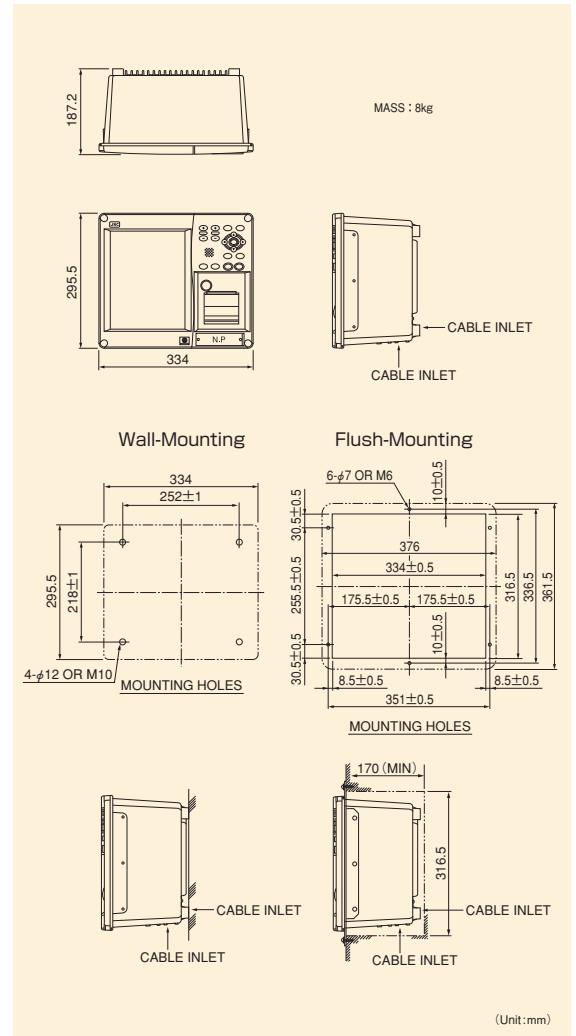
## SPECIFICATIONS

Display	10.4" Color TFT LCD (640x480 pixels)
Frequency	200kHz / 50kHz
Echo color	8 colors or 8 level monochrome
Digital depth	4 digit (0.1m)
Range	10, 20, 50, 100, 200, 500, 800m
Depth accuracy	±2.5%
Minimum sounding depth	200kHz : 1.0m, 50kHz : 2m
Draft adjust	50m in 0.1m steps
TX pulse repetition rate	171PRR (10, 20, 50m)
	86PRR (100, 200m)
	43PRR (500, 800m)
Presentation mode	Standard, History, Docking
Time range of echo display	5, 10, 20, 30min
Auto function	Gain, Range
Alarm function	Depth, Power fail, System error
Preview function	24hour
Transducer	200kHz : UT-200ND
	50kHz : UT-50MD
Power supply	100-115/200-230VAC±15%, 50Hz/60Hz±5% 24VDC (only use for power fail monitoring)
Power consumption	less than 50W
Waterproofing	IPX2 drip proof

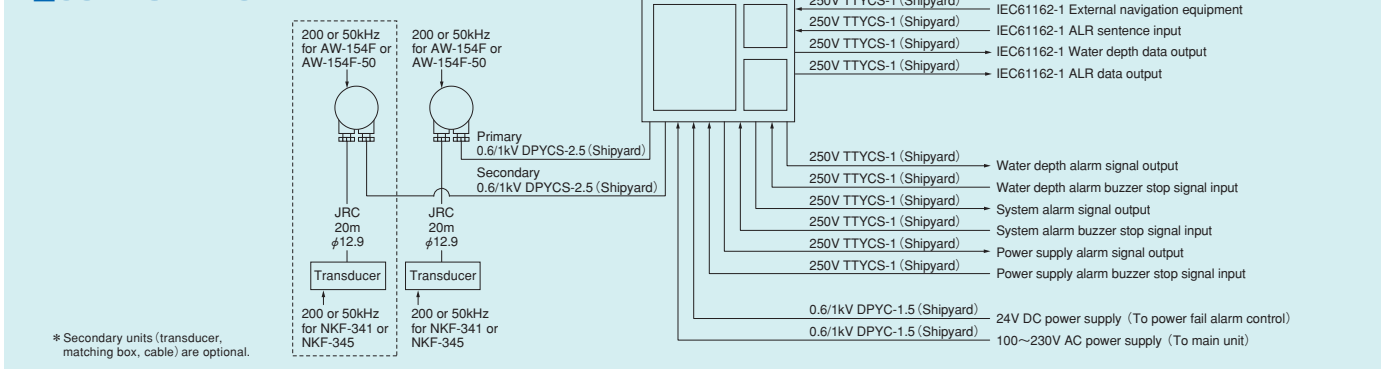
## COMPONENT

Name	Type No.	Qty	Remarks	
Display unit	JFE-680	1		
Matching box (primary)	AW-154F	1	200kHz	
Transducer mounting (primary)	NKF-341	1	200kHz (with cable 20m)	
Option	Matching box (secondary)	AW-154F	1	200kHz
		AW-154F-50	1	50kHz
	Transducer mounting (secondary)	NKF-341	1	200kHz (with cable 20m)
		NKF-345	1	50kHz (with cable 20m)
	Printer paper	7ZPJD0384	1	
	Flush mounting kit	BRBX05351	1	Color : MUNSELL N4
		BRBX05355	1	Color : MUNSELL 7.5BG7/2
BRBX05354		1	Color : MUNSELL 2.5G7/2	
Table mounting kit	BRBX05340	1		

## OUTLINE DRAWING



## CONFIGURATION



• Specifications may be subject to change without notice.

For further information, contact:



Since 1915

**Japan Radio Co., Ltd.**

URL <http://www.jrc.co.jp/eng/>

**Main Office:** Fujisawa bldg. 30-16, Ogikubo 4-chome  
Suginami-ku, Tokyo 167-8540, Japan  
Telephone: +81-3-6832-1816  
Facsimile: +81-3-6832-1845

**Overseas Branches :** Seattle, Amsterdam, Athens, Manila  
**Liaison Offices :** Taipei, Jakarta, Singapore, Hanoi,  
Hamburg, New York