JRC

ALPHATRON Marine

# Echo sounder

## Dual frequency with all-in-one design

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# All-in-one system

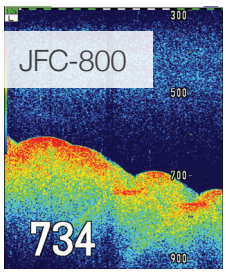
The JFC-800/810 all-in-one echo sounder utilizes a rugged 10.4-inch bonded and sunlight viewable display, offering advanced filtering capabilities using digital signal processing technology to ultimately provide a clear image and allow for deeper sounding at higher frequencies.

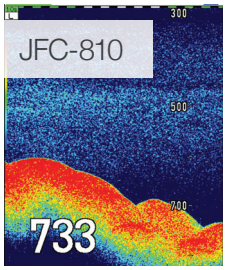
- 10.4-inch sunlight viewable display
- Advanced digital signal processing
- Dual frequency 50/200 kHz
- External monitor output
- NMEA data in/output
- Different sounds for fish or school of fish
- Up to 10 images stored in internal memory
- Displays approximate fish size
- Automatic gain, shift and range
- Stores favorite fishing hotspots

The superior clutter suppression and signal to noise ratio and faster update rates allow for excellent performance in shallow water, while it also detects fish close to the bottom at depths not seen before with these high frequency transducers. The affordable 1 kW echo sounder equals or exceeds the performance of conventional sounders with 3x the power output.

# Transducers

The echo sounder is available in two models. The JFC-800 is the standard model and includes a cost effective transducer. The JFC-810 features a higher sensitivity transducer. The preferred transducer depends on target fish, fishing method, fishing area and usage.

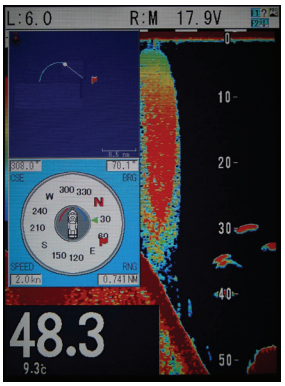



| Transducer | JFC-800 | JFC-810 |
|---|---|---|
| Frequency | 50/200 kHz | 50/200 kHz |
| Output power | 1 kW | 1 kW |
| Material | Rubber | Urethane |
| Cable length | 10 m | 15 m |
| Beam width (50 kHz) | 58° x 20° (-6dB) | 27° x 27° (-6dB) |
| Beam width (200 kHz) | 17° x 6° (-6dB) | 9° x 9° (-6dB) |

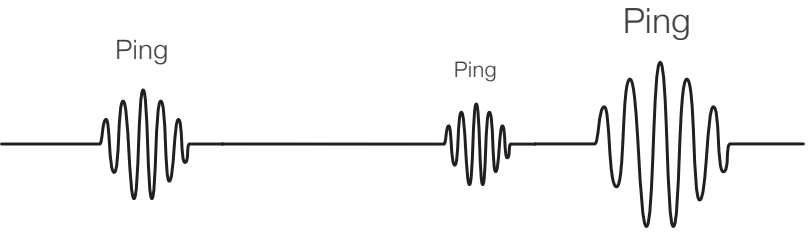
# Languages

The JFC-800/810 allows the operator to switch between English, Japanese, Chinese, French, Greek, Italian, Korean, Spanish and Thai.




# Fishing hotspot

If you connect an external GPS you can easily mark fishing hotspots. This way you can easily navigate back to your favorite fishing sites or other previously saved positions.




# Target sounds

Various functions for improving the catch result are integrated, as are sonar tones that identify what is happening under your vessel immediately with different sounds for fish and school of fish.

# Zoom range

Operators can choose to zoom the image at any range in an easy way. After having selected the zoom image, the standard image is indicated on the right side while the zoomed image is indicated on the left part of the display. The echo of the fish is clearly enlarged at a specific depth, aiming for a profitable catch.

# Auto function

No need for guessing with this echo sounder anymore. Even a novice operator can achieve professional results by letting the JFC-800/810 pick the most optimum settings for functions such as range, shift and time variable gain (TVG).

## In the box

Display
Display hood
Mounting bracket
Power cable
Manual (English)

## Transducer

Standard or high sensitivity

## Accessories

Water temperature sensor
Speed sensor
Inner hull unit
Various cables/connectors

## Tech Specs

| | |
|---|---|
| Output power | 1 kW |
| Output frequency | 50 and 200 kHz |
| Output method | Single or alternating |
| Transmit rate | Up to 3000/min |
| Display (output) | VGA (640 by 480 pixels) |
| NMEA ports | 1 input/output |
| Power supply | 10.8 to 31.2V DC |
| Power consumption | 30W or less |

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Centers of Excellence

Houston, Rotterdam, Singapore, Tokyo

Product and/or specifications could change without notice

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