

**Yacht &
Commercial Steering**

**Rudder Follow-up Unit
RFU 150 / 300**

Knowing the position of the rudder enhances safety and is a great help while docking or maneuvering. Designed for commercial use, the RFU 150/300 is ruggedly built to resist water and damage caused by vibration from rough seas and mechanical systems. The RFU 300 features a high quality, long life potentiometer. The RFU 150 features a light duty potentiometer. Both units have large heavy-duty gears. A RAI 301 must be used in conjunction with both follow-up units. For multiple station applications all extra stations must use RAI 300 meters. Both units are equipped with 50' (15 meters) of 3 conductor, shielded, and heat resistant cable.



Design Features

- Up to three indicators can operate at the same time
- No adjustment required for 12, 24 or 32 VDC systems, unit operates on any voltage between 10 - 32 VDC.
- Construction is of molded plastic, brass and stainless steel.
- Waterproof design with unique double sealed shaft and waterproof electrical connections.
- 1% linearity heavy-duty potentiometer (RFU 300).
- 2% linearity light duty potentiometer (RFU 150).

For further details please consult the technical manual MAN 01205.

Part number	Description	Lbs (Kg)
JA-701065-1	RFU 300, c/w 50' cable *	2.6 (1.2)

(* see drop-in replacements)

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Rudder Follow-up Unit RFU 400

Knowing your boats rudder position not only enhances safety but also is useful while docking or maneuvering. Designed for commercial use, the RFU 400 is ruggedly built for water and shock resistance. It has large heavy-duty gears and features a high quality, long life potentiometer. When used in conjunction with the series 300 Rudder Angle Indicators the built-in electronic driver unit eliminates the need for master RAI's. Only one type of standard RAI 300 indicators is required.



Design Features

- No adjustment required for 12, 24 or 32 VDC systems. The unit operates on any voltage between 10 - 32 VDC.
- Construction is of molded plastic, brass, and stainless steel with waterproof electrical connections.
- Up to five Rudder Angle Indicators can be operated from it at the same time.
- Waterproof design with unique double sealed shaft and waterproof quick connect cable plugs.

For further details please consult the technical manual MAN 01206.

Part number	Description	Lbs (Kg)
JA-701009-1	RFU 400 c/w driver board	2.4 (1.1)

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Rudder Follow-up Unit RFU 1300

Being aware of the rudder position enhances safety and is of great help while docking or maneuvering. Designed for heavy-duty commercial use, the RFU 1300 is waterproof and shock resistant. It features a “contact-free” hall effect device that virtually eliminates the wear commonly experienced with potentiometers.

All the electronic circuitry necessary for a rudder feedback signal and a rudder angle indicator signal is contained within the RFU 1300.



Design Features

- No adjustment required for 12, 24 or 32 VDC systems, unit will operate correctly on any voltage between 10 - 32 VDC.
- Built-in set of adjustable limit switches (2 sets optional) for solenoid control.
- Hall effect magnetic sensor for sensing rudder movements.
- Construction is cast aluminum and stainless steel, with waterproof electrical connections.
- Waterproof design with a unique double sealed shaft and waterproof “quick disconnect” cable plugs.

For further details please consult the technical manual MAN 01204.

Part number	Description	Lbs (Kg)
JA-701067-1	RFU 1300 c/w 1 set of limit switches	3.5 (1.6)
JA-701067-2	RFU 1300 c/w 2 sets of limit switches	3.7 (1.7)

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**Rudder Follow-up Unit
RFU 2000**

Knowing your boats rudder position enhances safety and is of great help while docking or maneuvering. Designed for heavy-duty commercial use, the RFU 2000 is waterproof and shock resistant. It features an optional "contact-free" hall effect device that virtually eliminates the wear commonly experienced with potentiometers. All electronic circuitry necessary to develop rudder feedback signal and rudder angle signal is contained within the RFU 2000. The RFU 2000 outputs both a rudder angle indicator signal and a rudder feedback signal, as well as an optional second independent second ruder angle indicator signal.



Design Features

- No adjustment required for 12, 24 or 32 VDC systems. Unit will operate correctly on any voltage between 10 - 32 VDC.
- Built-in set of adjustable limit switches (an optional second set of limit switches is available).
- Hall effect magnetic sensor for sensing rudder movements.
- Rugged cast aluminum and stainless steel construction.
- Waterproof design with unique double sealed shaft and waterproof electrical connections.

For further details please refer to manual.

Part number	Description	Lbs (Kg)
JA-701110-x	RFU 2000 c/w 1 set of limit switches, 4 pots	7.2 (3.2)
JA-701110-x	RFU 2000 c/w 2 sets of limit switches, 4 pots	7.4 (3.4)