

## MARINE ENGINE TELEGRAPH SYSTEM

## GCYK-01 remote control control unit (with main transmission clock)

ISO9001 Supplier

Class Certificate

Export Supply

GCYK-01 remote control control unit (with main transmission clock) 1、 Overview GCYK-01 remote control control unit (with main transmission clock) is operated by the driver's cab during remote control...



### Key Highlights

Category	Marine Engine Telegraph System
Standard	EN
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

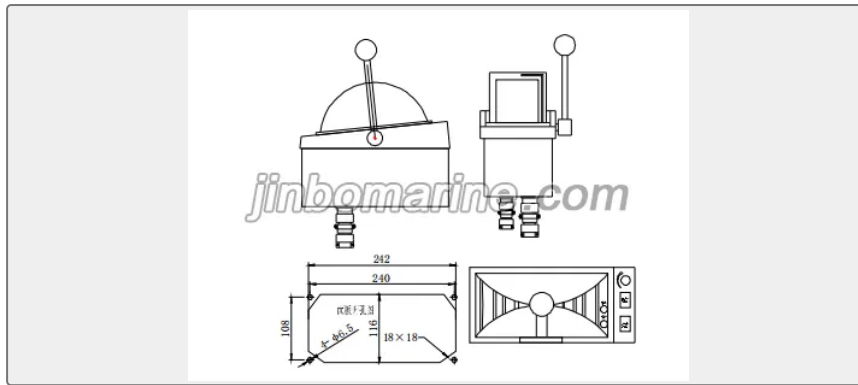
We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

### Technical Specifications

Category	Marine Engine Telegraph System	Model / SKU	GCYK-01-remote-control-control-unit-with-main-transmission-clock
Standard	EN	Surface	Characteristics For embedded installation structure, it can generally be installed on the driver's console or monitoring console surface.
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	Warranty	12 Months unless specified otherwise
Origin	China		

## GCYK-01 remote control control unit (with main transmission clock)

1、 Overview



GCYK-01 remote control control unit (with main transmission clock) is operated by the driver's cab during remote control

Personnel control the main propulsion unit. Equipped with the main car clock function in non remote control mode to achieve ship driving

Signal transmission between the engine room (or central control room) and manual operation of the main propulsion unit in the engine room.

GCYK-01 remote control control unit (with main transmission clock) adopts microprocessor MPU control technology

The product panel is PVC veneer with embedded installation structure, which meets the relevant CCS specifications; Having a knot

The advantages of compact structure, convenient installation and use, beautiful appearance, and reliable performance. Can be widely used in various types of ships.

## 2. Characteristics

For embedded installation structure, it can generally be installed on the driver's console or monitoring console surface.

Modular design, whether single host or dual host, remote control of single part of the cab or cab and central control room

Both remote controls are applicable.

The remote control of the driver's cab is operated by a single handle, and the logical sequence control enables the main engine to change speed, disengage, and reverse direction

Automatic smooth operation.

The main components used in the device are all imported parts.

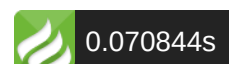
There are protective measures for salt mist, condensation, oil mist, and mold.

## 3. Applicable scope:

- (1) Remote control device for main propulsion of high-speed aircraft;
- (2) Remote control device for main propulsion of medium speed aircraft;
- (3) Low speed engine main propulsion remote control device.

GCYK-01 remote control control unit (with main transmission clock) is suitable for various models of main diesel engines, large

Any model of main diesel engine with reversible power or irreversible gearbox reverse clutch.



### 3. Technical specifications

#### 1. Power supply: DC24V

The adaptability range of the power supply is  $\pm 10\%$  of the rated value, and the frequency is  $\pm 5\%$  of the rated value;  
Transient voltage at rated value

$\pm 20\%$  and  $\pm 10\%$  of the rated frequency, with a recovery time of 3 seconds. Voltage variation using battery power supply

+30% to -25% of the rated voltage.

When the main power supply of the remote control device is interrupted, there is a backup power supply that can continue to supply power.

#### 2. Starting pneumatic or hydraulic pressure

The pressure change is  $\pm 20\%$  of the rated pressure.

#### 3. Ambient air temperature

The cabin and control room are between 0-55 °C, and the driver's cabin is between -1 °C and +55 °C;

However, they can withstand a maximum temperature of 70 °C for 2 hours without failure.

#### 4. Humidity adaptation range

When the temperature is 40 °C, the relative humidity is 95% to 100%;

When the temperature is above 40 °C, the relative humidity is 70%.

#### 5. Adaptation range of vibration conditions

Displacement amplitude  $\pm 1.0\text{mm}$  at frequencies ranging from 2.0 to 13.2Hz, and acceleration amplitude at frequencies ranging from 13.2 to 80Hz

$\pm 0.7g$ .

#### 6. Tilt and sway

Tilt 22.5 degrees in any direction;

A swing of  $\pm 22.5$  degrees with a period of 10 seconds.

#### 7. Protection type: transmitter IP22

Receiver IP22

#### 8. Number of transmission files: enter one to enter four, stop, backup, finish, retreat one to retreat four