COTEK User Guide For CR8 Remote Control

1. Features

- Remote ON / OFF inverter operation
- Ignition lockout information display and Return Override Function Acting

2. Specification

Input Voltage Range: 10.5 ~ 60 Vdc depends on inverter model

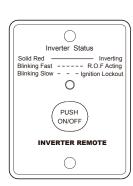
Operating Temperature Range : 0 ~ 40°C

Storage Temperature Range : -30°C ~ 70°C

Stand-By Current Draw: < 40mA

Applicable Models : SP / SD / SE series

3. Introduction



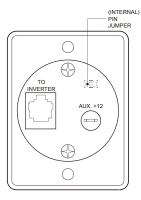


Figure 1. CR8 front panel and rear panel introduction

- This is a simple ON / OFF remote control
 - * Steady red LED light in dicates the Inverter is ON
 - * Fast flashing red LED light indicates that it is in Return Override Function selection status
 - * Slow flashing red LED light indicates that it is in Ignition Lockout Function selection status
- The wire JP1 is placed inside the remote controller and it is to indicate either Return Override Function or Ignition Lockout Function
 - * JP1 jumper "Open" Return Override Function
 - * JP1 jumper "Short" Ignition Lockout Function

Please note that the default mode is OPEN

- The wire must go with a 12 Volt 0.5A fuse with proper sizes
- Connect the wire RJ-11 to the remote port in front of the panel
 - * Ignition Lockout function The Ignition lockout function is to turn the Inverter OFF when the auxiliary input wiring is connected to the ACC. (accessory), and 12 Volts is applied
 - Return Override Function The Return Override Function is to turn the Inverter ON
 when the auxiliary input wiring is connected to the reverse gear Shift, and 12 Volts is applied

• Installation Procedure :

- 1. Refer to the drawing (see Figure 2) for screw hole and cutout dimensions.
- 2. Use the RJ11 cable between CR8 remote and the inverter.
- 3. Switch the inverter to REMOTE mode.

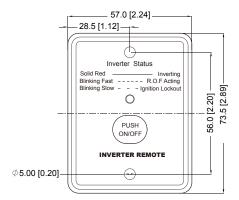
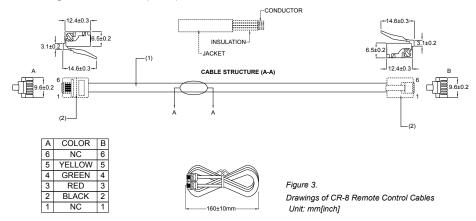


Figure 2. CR8 Mechanical drawings (Unit: mm [inch])

4. Drawings of RJ11 Cable (6P6C)





WARNING!

DO NOT use standard telephone cable.

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