

UHF Narrow Band Single Channel Telecommand Module **CDT-TX-01 / CDT-RX-01**

CDT-TX/RX-01 Telecommand modules are a fixed channel transmitter/receiver which are specially designed for switching signal transmission.

In addition to the RF part, the module includes MSK modem and Photo MOS relays (RX) in its robust metal housing. Handy transmitter can be easily made only connecting switching a board to CDT-TX-01.

Feature

- 6 switch inputs and outputs
- Stand by mode in TX module
- 4 operation modes
- Low voltage and consumption current
- Compact body
- MSK modem equipped
- Long range control

Application

- Remote control for motor operated shutter blind, garage door and gate etc..
- Industrial signal control for construction site and factory
- Emergency stop equipment, Emergency light, Alarm system
- Paging system
- Security system



Common

Item	Specification	Condition
Frequency range	433.920MHz / 434.075MHz	
Communication form	One way	MSK1200bps
Communication range	500 - 1000m	Line of sight (> 0 degree C)
Operating temp. range	-20 - +60 degree C	non-condensing

CDT-TX-01 (Transmitter)

Item	Specification	Condition
Transmitter type	PLL controlled fix channel	
RF Output	10mW	
Supply voltage	2.2 - 12V	
Supply current	TX:25mA, Stand-by:1uA	
Input	6 Switch inputs	Negative logic
Antenna	Lambda/4 Whip antenna	
Dimension	36mm x 26mm x 8mm	Exclude protrusion

CDT-RX-01 (Receiver)

Item	Specification	Condition
Sensitivity	-120dBm (BER:10 ⁻²)	
Supply voltage	3 - 12V	
Supply current	6 Outputs Off:20mA, On:50mA	
Operation mode	One-shot, Toggle, Keying, Continue	Set by 3 input ports
Output	6 Photo MOS relay outputs	
Output relay	Max 48V,100mA AC/DC	
Antenna	Lambda/4 Whip antenna	
Dimension	53mm x 35mm x 12mm	Exclude protrusion

Specifications are subject to change without prior notice