

# 300 Series Radio Control

## Features

- Twenty-two volt-free relay outputs
- Up to 50m range
- Powered from 120/240VAC or 12/24VDC
- Output relays rated at 16A@240VAC
- Diagnostic LEDs for MLC, relay activity, monitor relay, supply voltages and several communications parameters
- Internal antenna
- Robust case sealed to IP65
- Very simple to install

## Compatibility

- Fully compatible with all Cape 300 and 200 series transmitters.

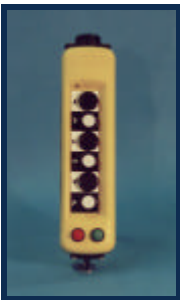
## Programming

- All systems are designed and produced in-house, allowing us to provide a custom-programmed solution to your exact requirements. This includes features such as custom output relay formats and timed outputs.

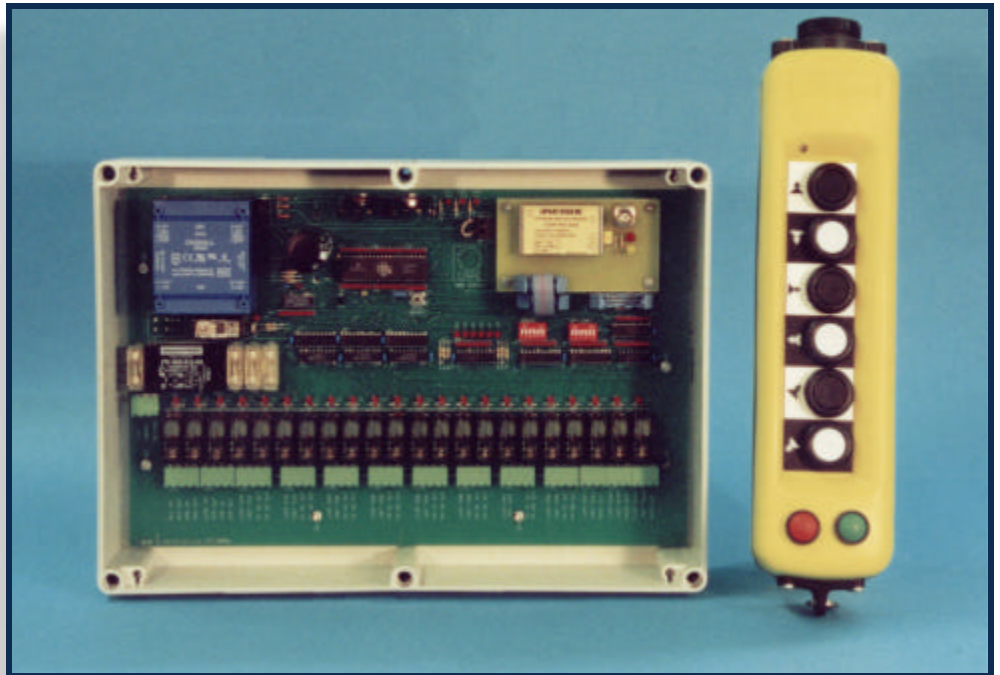
## Applications

- Crane control
- Complex machine control
- Conveyor control

## Transmitters



## Chargers



## FEATURES

The 300 series radio control system brings the convenience and safety of radio remote control within the reach of all overhead crane users. The system features removable battery packs, each giving 20 hours of continuous service between charges, LED diagnostics on receiver and transmitter, fast charger and simple installation and operation. Up to four dual speed motions can be catered for, together with up to three auxiliary outputs for the control of magnets, lights etc. Above all, the 300 Series gives your operator the familiarity of pendant control with the safety and increased productivity of high quality radio.

### Specifications for Cape 300 Series Receiver

Relay Outputs	22 relays rated at 16A @ 120/240V AC and 30V DC
Power Supply	120/240V AC 50/60Hz (switchable), 12V DC & 24V DC
Frequencies / Modes	434 / 458 / 868MHz NBFM
Enclosure	ABS enclosure sealed to IP65 - Grey RAL7035 with clear lid

*Specifications are subject to constant improvement and may be subject to change without notification.*

Cape Electronics

Unit 53, Mantra House, South Street, Keighley, West Yorkshire BD21 1SX Phone: 01535 690737 Fax: 01535 690737  
email: enquiries@capeelectronics.co.uk

# **CAPE 300 SERIES**

## **Receiver Unit**

- Powered from 120/240V AC or 12/24V DC
- UHF narrow-band FM on 433, 458 or 868MHz
- Easy to install - full wiring schematic and instructions included
- Limit switch send/return on all motions
- Loss of signal shutdown
- 3-way processor monitoring
- Diagnostic LEDs
- Up to 4 motion dual speed plus 3 auxiliary outputs
- Internal antenna included (external options available)
- Expansion socket for additional outputs / accessories

## **Transmitter Unit**

- Familiar, easy to use pendant style
- Lightweight design - 1 Kg
- Removable battery pack - 20 hours continuous use between charges
- LED indicator for transmit and battery status
- Robust IP65 rated enclosure
- Many standard parts used - spares readily available
- Supplied with two battery packs
- Dual push start-up system
- Carrying strap included

## **Charger Unit**

- Desk top design
- LED indicators for mains power and charge status
- Temperature and voltage slope detection
- 'Topping up' of battery pack permissible with NiMH packs
- Packs can be left in charger indefinitely

*All our systems are designed, built and programmed in-house, allowing us to tailor our products to your exact requirements. Should you have a particular application in mind, please call us to discuss your ideas - we are always pleased to explore new applications.*