

Protean™ Radio Remote Control

Protean Transmitters



Economical Protean™ Radio Remote Controls provide safe and reliable operation of many types of electrical machinery and crane controls. These FM radios have internal antennas for a 330 foot (100 meter) range and many advanced security and reliability features. Kits include one receiver and either one or two transmitters, as noted below. NEMA 4 (IP65) enclosures.

Transmitter specifications

- Runs on 2 standard “AA” alkaline batteries; low power consumption ensures long battery life. Includes low power indicator
- All single-speed buttons
- Jammed button detection
- Shock resistant case
- Weighs only 0.34 lbs. (155g) with batteries
- FCC Part 15 - no license required



Please Note:

All transmitters will require the Serial Number for proper matching to receiver for programming.

Protean Series radios will also need Channel Number 0-45 specified at time of order.

Receiver specifications

- Multiple supply voltages:
DC: 12 ~ 24 Volts DC (or 24 Volts AC)
AC: 48/110, 110/220, plus or minus 10%, 50/60 Hz. Default is 48/110 w/110 selected
- Independent common configuration for mixed control voltage applications
- Power-on/mainline contact
- LED display of power and contact closure status
- Sensitivity: Approximately -105 dBm
- Prewired cable, 6 feet long (1.83 m)
- Control relay rating: 10A @ 125 VAC; 5A@ 250 VAC; 8A @ 30 VDC
- 4-point shock mount designed for demanding mobile and industrial applications

Four Button Radio Kit

Operation Description	Voltage Type	No. of Transmitters	Part No.	Wt lb (kg)
Normally-open, single-speed buttons, with a stop, start/auxiliary, up and down buttons. The radio is suitable for a single motion (2 directions) and also provides a power-on (mainline) connection. The start button also doubles as an additional auxiliary relay.	AC	1	700PR04	2.74 (1.24)
	AC	2	700PR04D	3.08 (1.40)
	DC	1	700PR04-DC	2.74 (1.24)
	DC	2	700PR04D-DC	3.08 (1.40)

Six Button Radio Kit

Operation Description	Voltage Type	No. of Transmitters	Part No.	Wt lb (kg)
Normally-open, single-speed buttons, with a stop, start/auxiliary, up and down buttons. The radio is suitable for two motions (4 directions) and provides a power-on (mainline) connection. The start button also doubles as an additional auxiliary relay.	AC	1	700PR06	2.74 (1.24)
	AC	2	700PR06D	3.08 (1.40)
	DC	1	700PR06-DC	2.74 (1.24)
	DC	2	700PR06d-DC	3.08 (1.40)

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Eight Button Radio Kit

Operation Description	Voltage Type	No. of Transmitters	Part No.	Wt lb (kg)
Normally-open, single-speed buttons, with a stop, start/auxiliary, up and down buttons. The radio is suitable for three motions (6 directions) and provides a power-on (mainline) connection. The start button also doubles as an additional auxiliary relay.	AC	1	700PR08	2.74 (1.24)
	AC	2	700PR08D	3.08 (1.40)
	DC	1	700PR08-DC	2.74 (1.24)
	DC	2	700PR08D-DC	3.08 (1.40)

Numbered Transmitter Face Plates



Each face plate shown is pre-numbered for 4, 6 or 8 button transmitters.

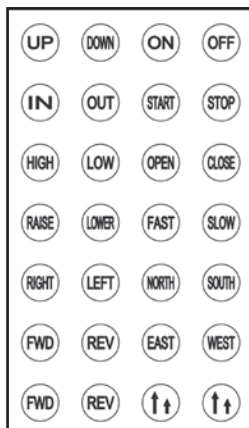
Description	Part No.
4-Button Face Plate	701P0045
6-Button Face Plate	701P0065
8-Button Face Plate	701P0085

Button Face Plates with Legend



The kits shown below contain either a 4, 6 or 8 button face plate with “blank” spots for legend names and one legend sheet as shown to the below.

To set up the face plate, choose the appropriate label from the legend sheet and apply it to the underside of the faceplate before applying the faceplate to the transmitter. The faceplate is clear in the open button positions allowing the label to show through.



Description	Part No.
4-Button Face Plate, with 2 blank spots	701P0219
6-Button Face Plate, with 4 blank spots	701P0220
8-Button Face Plate, with 6 blank spots	701P0221