Sales Specification (Non Lifting/Pulling Application) for EI™ Push Button Infra-Red Transmitters with RD-O5™ & RD-O8™ Teachme™ Receiver Decoder

Buy British
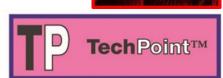
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CE

EI-O6-IR™ for IRVCD™

EI-O3-IR™

EI-O6-IR™

EI™ Remote Over-ride Push Button Infra-Red Full System with RD-O5™ or RD-O8™ Teachme™ Receiver Decoder

The **COMMANDER™ Teachme™** microprocessor controlled digital **Infra-Red** remote control system with **EI™** push button transmitter is a *FAST, POWERFUL & FLEXIBLE*™ product. Although this system be used on cranes and other electrically powered equipment or machinery it is specially designed for non lifting applications where commands are required for a number ancillary functions for example as for crane bridge travel or traverse over-ride is required for use in the workplace by a ground based supervisor. Due to the inherent range control of this system, a common E1 transmitter can be deployed to operate the over-ride feature on any number of cranes or on a crane by crane or crane by bay basis. **EI™** transmitters are factory coded each with a unique address code and thus are taught to the relevant receiver (s) on installation. Depending on the system option selected, a start & stop function with a safety relay can be included or the system can be supplied, where all buttons are required for commands then the system can be supplied with **AutoStart**™ feature (any button) (releases after 2 minutes non use). All commands are momentary. The **Teachme**™ remote control system uses a receiver decoder that is sized to suit the application and to minimise interface redundancy. Standard **RD-O5**™ **& RD-O8**™ receiver decoders are not expandable. The **EI**™ transmitter command legend plate is custom engraved to suit the country of destination language text and command name.

TP TechPoint™

Technical Details (Non Lifting Application) for EI™ Push Button Infra-Red Transmitters with RD-05™ & RD-08™ Teachme™ Receiver Decoder

RD-05™ & RD-08™ Teachme™ Receiver Decoder Options

Safety	Safety Relay (option) also time out	
Enclosure	Sheet Steel with hinged door	
	RD-05™	**RD-08**™
Enclosure Size	220W x 180H x 94D (mm)	260W x 206H x 94D (mm)
Volt Free Relays	Qty 5 N.O. volt free contacts	Qty 8 N.O. volt free contacts
Cable ports provided	Qty 2 @ 20mm	Qty 4 @ 20mm

Finish & colour	Powder coated Black
AC Voltage Version	42V-230V AC (3 formats) (DC to order)
Environmental	-10°C to +55°C IP54
Power & Interface	Plug & socket I/O terminal connectors
Signal Input	BNC co-axial from Infra-Red sensor network
Diagnostics	LED's
Security Codes	**Teachme**™ coding from the transmitter
Pitch & Catch feature	Up to Qty 5 transmitters

IRRxE™ Infra-Red Receiving Sensor (with 6.0M cable)

Type (extruded frame)	140° (under-crane mount) anodised Red
Operating Range	80+ Metres (line of sight/subject to height)
Environmental	-10°C to +55°C IP55
Connection	Twin BNC co-axial ports

EI™ Infra-Red Push Button Transmitter

Construction	Injection Moulded Red ABS
Dimensions (Standard)	60W x 120L x 25D (32 inc button)(dimensions are mm)
Weight	170 grams (6 button & with battery)
Battery Type	Replaceable Alkaline 9V DC (PP3)
Battery Life	60 hours @ 50% duty
Environmental	-10°C to +55°C IP55
IR Frequency	Fixed @ 940 nanometres
Command Buttons	Push to operate single command only tactile mechanism
Button options	Buttons (1 & 2 (see picture)) can be configured for start (SR Relay) & stop command (this feature is not to CAT3 level) .

	Type	Buttons	Receiver Decoder
	EI-01-IR™	1	**RD-05**™
	EI-02-IR™	2	**RD-05**™
(3 button shown on front page)	**EI-03-IR**™	3	**RD-05**™
	EI-04-IR™	4	**RD-05**™
	EI-05-IR™	5	**RD-05**™ or **RD-08**™
(6 button shown on front page)	**EI-06-IR**™	6	**RD-05**™ or **RD-08**™

Diagnostics	Battery warning (audible & visual) & Transmit (visual) LED's
Security Address Code	Factory set
Operating Range	40+ Metres line of sight (approx.)