

DURATEQ® Infrared Emitter Product Line

Durateq infrared (IR) emitters are used in connection with Durateq ATV handheld media devices to create assistive technology solutions for public venues. The emitters can be programmed with location codes and/or synchronized with show controllers to trigger the Durateq ATV devices in range to play the appropriate location-specific content for the user in sync with the exhibit. These emitters broadcast invisible infrared light so when a guest walks into range of the emitter, the IR signal triggers the media content. This unique experience is fully automatic for the guest and requires no button pushes or screen selections. Softeq offers three different models suitable for a multitude of environments:

DURATEQ®

Spot Emitter

INDOOR/OUTDOOR USE

INPUT: A/C 120V ~ 0.7A

Part # DE002K

Softeq Development Corp



DURATEQ®

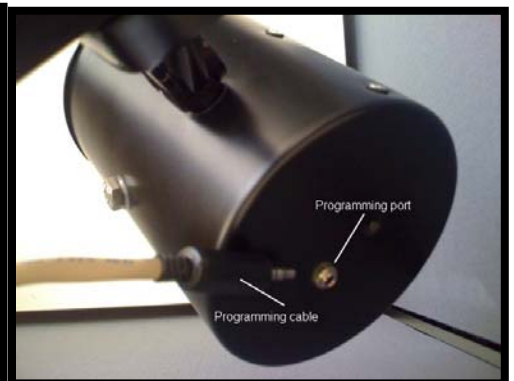
Track Emitter

FOR INDOOR USE ONLY

INPUT: A/C 120V ~ 0.7A

Part # DE004K

Softeq Development Corp



DURATEQ®

Flood Emitter

INDOOR/OUTDOOR USE

INPUT: A/C 120V ~ 0.7A

Part # DE003K

Softeq Development Corp



Visit www.softeq.com/products.assistive.asp for more information or for a quote.

DURATEQ® Infrared Emitter Specifications

	Spot Emitter	Track Emitter	Flood Emitter
Size:	3-1/4"W x 3"H (83 mm x 76mm)	4"W x 5-7/16"L x 9"E (102mm x 138mm x 229mm) E=Extension	4-7/8"W x 6-7/8"L x 3"H (124mm x 175mm x 76mm)
IR Spectrum:	Peak at 940nm	Peak at 940nm	Peak at 940nm
Range:	20' (6.1m) minimum day, 60' (18.2m) minimum night at 30 degrees off axis	20' (6.1m) minimum day, 60' (18.2m) minimum night at 30 degrees off axis	50' (15.2m) minimum day, 150' (45.7m) minimum night at 30 degrees off axis
Max Pulsed Power:	2 amps	2 amps	7 amps
Minimum Pulsed Power:	100 ma	100 ma	700 ma
Operating Voltage:	11.5 to 15 Volts DC <250ms rise time	11.5 to 15 Volts DC <250ms rise time	11.5 to 15 Volts DC <250ms rise time
Input Voltage:	100-240 VAC, 50/60Hz, 0.7A	100-240 VAC, 50/60Hz, 0.7A	100-240 VAC, 50/60Hz, 0.7A
Fusing:	Internal 4 amp fast blow fuse	Internal 4 amp fast blow fuse	Internal 7 amp fast blow fuse (replaceable)
	External 2 amp fast blow fuse recommended	External 2 amp fast blow fuse recommended	External 2 amp fast blow fuse recommended
Serial Input:	2400 baud, no parity, 8 data bits, one start and one stop bit	2400 baud, no parity, 8 data bits, one start and one stop bit	2400 baud, no parity, 8 data bits, one start and one stop bit
Input Level:	Logical "one" input range 0 to + 1.0Vdc	Logical "one" input range 0 to + 1.0Vdc	Logical "one" input range 0 to + 1.0Vdc
	Logical "zero" input range + 6.5 to + 12Vdc	Logical "zero" input range + 6.5 to + 12Vdc	Logical "zero" input range + 6.5 to + 12Vdc
Mounting:	Mounting tab for 1/4" screw.	Track Lighting Enclosure with Line Voltage Lampholders	Mounting tab for 1/4" screw.
Connector:	Amphenol T 3104-001 male, cable mounted connector.	Lampholders with Electrical Quick Lock Adapter	Amphenol T 3104-001 male, cable mounted connector.
	Requires Amphenol T 3105-001 female, cable mounted connector and 7 conductor cable	Requires LAZER by HALO®, Lightolier, or LSI Track System (1-Circuit or 2-Circuit)	Requires Amphenol T 3105-001 female, cable mounted connector and 7 conductor cable
Part Number:	DE002K	DE004K, DE007K, DE008K	DE003K
Price per unit:	\$299.00	\$399.00 to \$499.00	\$699.00