POWR SONIC SPECIFICATION SHEET

E-2003-3

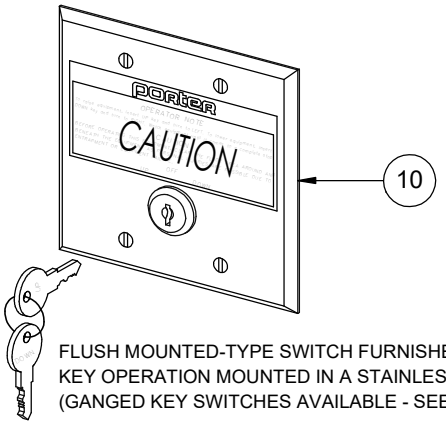
3/20/2026

WWW.GILLPORTER.COM/PORTER

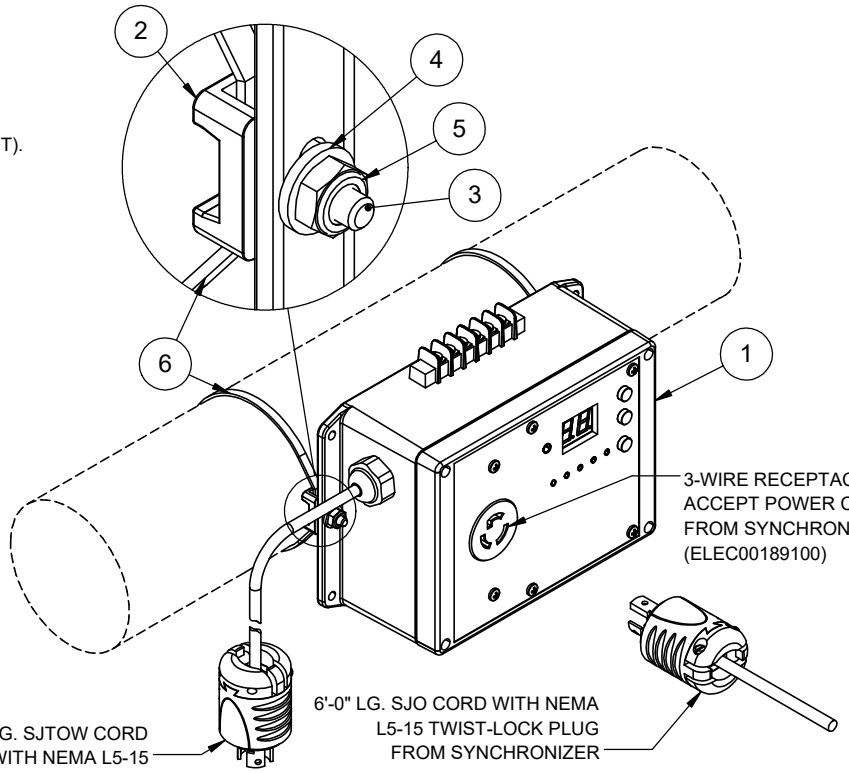
12033XX - POWR SONIC RECEIVER(DUAL MOTOR)

RADIO CONTROL SYSTEM FOR DUAL MOTOR CURTAIN

No. ELEC 00086 000 KEY SWITCH ASSEMBLY
(INCLUDED WITH No. 12003350 POWR SONIC RECIEVER KIT).
SEE E-2003-5-2 FOR ELECTRICAL WIRING DETAILS.



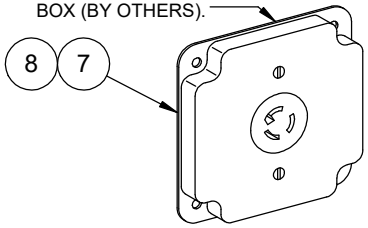
FLUSH MOUNTED-TYPE SWITCH FURNISHED WITH DUAL (UP-DOWN) KEY OPERATION MOUNTED IN A STAINLESS STEEL COVER PLATE. (GANGED KEY SWITCHES AVAILABLE - SEE PAGE No. E-791-3)



ITEM NO.	12003300/ QTY.	12003350/ QTY.	PART NUMBER	DESCRIPTION
1	1	1	XELC12003300	POWR SONIC RECEIVER (FOR 2085 CURTAIN)
2	2	2	ELEC00367	CABLE TIE MOUNT; SCREW-IN TWO WAY
3	2	2	HDWE061610E0	#10-24 X 5/8" PHILLIPS HEAD SCREW
4	2	2	HDWE050130E0	FLAT WASHER; #10; 1/4" ID X 1/2" OD; ZINC
5	2	2	HDWE030580E0	NYLOCK HEX NUT THIN- #10-24
6	2	2	ELEC00221002	CABLE TIE - 14 IN LG. (BLACK)
7	1	1	ELEC00064000	3-WIRE TWIST-LOCK RECEPTACLE: NEMA L5-15R
8	1	1	ELEC001260G0	1/2" DEEP SURFACE COVER
* 9	1	1	ELEC00209000	LOCKING CONNECTOR L14-20
10	-	1	ELEC00086000	KEY SWITCH ASSEMBLY- 1 SWITCH- 2-GANG PLATE

*ITEM 9 NOT SHOWN. SEE DUAL MOTOR CURTAIN WIRING DETAILS.

SYSTEM PROVIDED COMPLETE WITH 3-WIRE TWIST-LOCK RECEPTACLE AND COVER PLATE FOR 4" SQUARE BOX (BY OTHERS).



_____ (QTY. REQUIRED) – 12003300 POWR SONIC RECEIVER FOR 2085

_____ (QTY. REQUIRED) – 12003350 POWR SONIC RECEIVER W/ KEY INPUT FOR 2085

PROJECT NUMBER

PROJECT NAME

888-277-7778 PORTER@PORTERATHLETIC.COM

© COPYRIGHT 2026 PORTER ATHLETIC - ALL RIGHTS RESERVED

120033XX - POWR SONIC RECEIVER(DUAL MOTOR)

RADIO CONTROL SYSTEM FOR DUAL MOTOR CURTAIN

SPECIFICATIONS

PORTER No. 2003 POWR SONIC SPORTS COMPLEX CONTROL SYSTEM

Winch shall be controlled by a radio control system (Powr Sonic) to eliminate complicated control wiring, wall boxes, and individual key switches as on conventional switch systems. Powr Sonic portable hand-held transmitter (7" x 3" x 1-1/2") shall be specified. The No. 12003100 transmitter will operate up to ninety-nine channels that can be assigned to individual devices and/or groups of devices(limit 12 devices per group). An LCD screen is used to select and display the devices to operate. Power supply for the transmitter shall be a rechargeable lithium-ion battery that can be charged using the USB-C® connector on the transmitter. Transmitter shall operate on a digitally encoded carrier frequency of 315MHz.

Each electric winch shall be equipped with a commercial type 115VAC receiver with an LED display and push-button controls for channel assignment. Each receiver shall be able to operate on up to five channels. Receiver shall feature an LED indicator that illuminates upon detection of a valid transmitter signal. Receiver shall be factory wired and installed in a standard non-metallic enclosure (7-3/4" x 5-3/4" x 3") with a 6'-0" long SJTOW cord with a NEMA L5-15 molded twist-lock grounded plug attached. Matching flange type receptacle shall be mounted in a standard 4" square cover plate (box by others) for power supply. Enclosure shall be furnished with a 4-wire twist lock grounded type NEMA L14-20 receptacle to accept the power/control cable from the electric winch.

Receiver shall allow for dual control of equipment (Powr Sonic or key switch). Each 120033XX type radio-controlled receiver shall include an external 6-screw terminal strip for optional low voltage, key switch type control and motor synchronizer dry circuit control for dual motor curtains. Synchronizer control terminals will be marked 0, 1, and 3, corresponding to the terminals on the synchronizer. The terminal strip shall allow for connection of low voltage, dry circuit type (5 volt maximum) key switch wires (up, down, and common). Circuit board firmware shall provide logic for an interlocking feature to eliminate conflict between radio and key switch control input. Key switch option shall be specified when a secondary or back-up method of winch operation is desired.

Units will operate at an unobstructed line-of-sight range of up to 200'. Receiver channels shall be configured in field for independent and/or group operation.

Wiring of all electrical components shall be in accordance with local codes, and in accordance with manufacturer's instructions.

All conduit, wiring, junction boxes, and components not specified herein shall be furnished and installed by the electrical contractor.

ISSUED FRIDAY, MARCH 20, 2026, SUBJECT TO CURRENT MANUFACTURING PROCEDURES

COPYRIGHT 2026 - PORTER ATHLETIC - ALL RIGHTS RESERVED

PORTER@PORTERATHLETIC.COM