THE OWNER OF THIS EQUIPMENT MUST SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE
SPORTSONIC® POTENTIAL SYSTEM
FOR BASKETBALL BACKSTOPS
OR GYMNASIUM DIVIDER CURTAINS
WARNING
CORDLESS CONTROLLER MUST ALWAYS BE IN THE POSSESSION OF A RESPONSIBLE, TRAINED ADULT AWARE OF THE POSSIBLE STRUCTURAL DAMAGE OR INJURIES THAT MAY OCCUR AS THE RESULT OF IMPROPER OPERATION OR MALFUNCTION.

- 12001-100 SPORTSONIC® TRANSMITTER
OPERATES UP TO 9 INDIVIDUAL UNITS
- 12001-127 SPORTSONIC® TRANSMITTER
OPERATES UP TO 27 INDIVIDUAL UNITS
- 12001-210 SPORTSONIC® RECEIVER
ONE REQUIRED AT EACH BACKSTOP OR DIVIDER CURTAIN WINCH LOCATION

HARDWARE TO ATTACH RECEIVER TO 3/8" O.D. SUPERSTRUCTURE PIPE
SYSTEM PROVIDED COMPLETE WITH 3-PRONG TWIST-LOCK RECEPTACLE AND COVER PLATE FOR 4" SQUARE BOX (BY OTHERS)
4-PRONG RECEPTACLE TO ACCEPT POWER/CONTROL CABLE FROM ELECTRIC WINCH
SPECIFICATIONS

PORTER No. 02001-000 SPORTSONIC® SPORTS COMPLEX CONTROL SYSTEM
(FOR OPERATION OF No. 00706-000 or 00707-000 ELECTRIC WINCHES OR
No. 665, 670, 675 or 2080 DIVIDER CURTAIN OPERATORS)

(Delete wall mounted key switch on winch specifications and add following:)

Winch shall be controlled by a radio control system (Sportsonic®) to eliminate complicated control wiring, wall boxes and individual key switches as on conventional remote control key switch systems. Sportsonic® portable hand-held transmitter (6-1/4" x 3-3/8" x 1-3/8") shall be available in two versions - No. 12001-100 will operate up to nine individual winches, No. 12001-127 will operate up to 27 individual winches. Power supply for transmitter shall be a standard 9-volt battery. Transmitter shall operate on a carrier frequency of 286-320 MHz.

Each electric winch shall be equipped with a commercial type 115 VAC receiver with a coding switch for individual operation by the portable transmitter. Receiver shall be factory wired and installed in a standard metal enclosure (4-1/2" x 8-1/2" x 13") with a 54" long SJ cord with a 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.

All units to be factory tested for a 125’ operating range, minimum distance between receivers to be 15’.
SPORTSONIC®
INSTALLATION AND OPERATING INSTRUCTIONS

PARTS LIST

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<th>Description</th>
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<tr>
<td>1</td>
<td>1</td>
<td>XELC 12001 200</td>
<td>Sportsonic® Receiver **</td>
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<tr>
<td>2</td>
<td>1</td>
<td>ELEC 00064 000</td>
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<td>3</td>
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<td>2</td>
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<td>12001-100</td>
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<tr>
<td>8B</td>
<td>1</td>
<td>12001-127</td>
<td>Sportsonic® Transmitter – 27 Positions</td>
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* Type and Quantity of Sportsonic® Transmitters to be specified
** One Sportsonic® Receiver required per backstop or curtain

1. Establish backstop or divider curtain operating code numbers (1 thru 9, or A1 thru C9). Use numbers on floor plan drawing if available – Main court #1 and 2, Cross Courts #3, 4, 5, 6, etc. Suggest marking backstops with operating numbers to avoid confusion.

2. Remove the cover from the small plastic box on the Sportsonic® receiver (1). Locate receiving code module inside this plastic box (small gray plastic module with white slide tabs numbered 1 thru 8). Set the receiving code module on each receiver per the following sequence. As each box is set and reassembled, write the operating identification number (1 thru 9, or A1 thru C9) on the outside of the box.

If using a 9-position transmitter, refer to page 5 for instructions on setting the coding switches.

If using a 27-position transmitter, refer to pages 6 thru 8 for instructions on setting the coding switches.
RECEIVER MODULE SETTINGS ARE AS FOLLOWS:
(When using 9-position transmitter to operate up to 9 backstops or curtains)

BACKSTOP No. 1
Slide all coding switches to the “+” side of the module as shown.

BACKSTOP No. 2
Set coding switches #1 thru 7 to “+”.  
Set coding switch #8 to “0”.

BACKSTOP No. 3
Set coding switches #1 thru 7 to “+”.  
Set coding switch #8 to “-”.

BACKSTOP No. 4
Set coding switches #1 thru 6 to “+”.  
Set coding switch #7 to “0”.  
Set coding switch #8 to “+”.

BACKSTOP No. 5
Set coding switches #1 thru 6 to “+”.  
Set coding switches #7 and 8 to “0”.

BACKSTOP No. 6
Set coding switches #1 thru 6 to “+”.  
Set coding switch #7 to “0”.  
Set coding switch #8 to “-”.

BACKSTOP No. 7
Set coding switches #1 thru 6 to “+”.  
Set coding switch #7 to “-”.  
Set coding switch #8 to “+”.

BACKSTOP No. 8
Set coding switches #1 thru 6 to “+”.  
Set coding switch #7 to “-”.  
Set coding switch #8 to “0”.

BACKSTOP No. 9
Set coding switches #1 thru 6 to “+”.  
Set coding switch #7 and 8 to “-”.

Proceed to Page 9 for instructions on installing the receivers.
RECEIVER MODULE SETTINGS ARE AS FOLLOWS:
(When using 27-position transmitter to operate up to 27 backstops or curtains)

**BACKSTOP No. A1**
Set all coding switches to “+”.

**BACKSTOP No. A2**
Set coding switches #1 thru 7 to “+”.
Set coding switch #8 to “0”.

**BACKSTOP No. A3**
Set coding switches #1 thru 7 to “+”.
Set coding switch #8 to “-”.

**BACKSTOP No. A4**
Set coding switches #1 thru 6 to “+”.
Set coding switch #7 to “0”.
Set coding switch #8 to “+”.

**BACKSTOP No. A5**
Set coding switches #1 thru 6 to “+”.
Set coding switches #7 and 8 to “0”.

**BACKSTOP No. A6**
Set coding switches #1 thru 6 to “+”.
Set coding switch #7 to “0”.
Set coding switch #8 to “-”.

**BACKSTOP No. A7**
Set coding switches #1 thru 6 to “+”.
Set coding switch #7 to “-”.
Set coding switch #8 to “+”.

**BACKSTOP No. A8**
Set coding switches #1 thru 6 to “+”.
Set coding switch #7 to “-”.
Set coding switch #8 to “0”.

**BACKSTOP No. A9**
Set coding switches #1 thru 6 to “+”.
Set coding switches #7 and 8 to “-”.

Proceed to Page 7 for units No’s. B1 thru B9.
RECEIVER MODULE SETTINGS ARE AS FOLLOWS:
(When using 27-position transmitter to operate up to 27 backstops or curtains)
(Continued)

BACKSTOP No. B1
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “0”.
Set coding switches #7 and 8 to “0”.

BACKSTOP No. B2
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “0”.
Set coding switch #7 to “+”.
Set coding switch #8 to “0”.

BACKSTOP No. B3
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “0”.
Set coding switch #7 to “+”.
Set coding switch #8 to “-”.

BACKSTOP No. B4
Set coding switches #1 thru 5 to “+”.
Set coding switches #6 and 7 to “0”.
Set coding switch #8 to “+”.

BACKSTOP No. B5
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 thru 8 to “0”.

BACKSTOP No. B6
Set coding switches #1 thru 5 to “+”.
Set coding switches #6 and 7 to “0”.
Set coding switch #8 to “-”.

BACKSTOP No. B7
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “0”.
Set coding switch #7 to “-”.
Set coding switch #8 to “+”.

BACKSTOP No. B8
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “0”.
Set coding switch #7 to “-”.
Set coding switch #8 to “0”.

BACKSTOP No. B9
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “0”.
Set coding switch #7 and 8 to “-”.

Proceed to Page 8 for units No’s. C1 thru C9.
RECEIVER MODULE SETTINGS ARE AS FOLLOWS:
(When using 27-position transmitter to operate up to 27 backstops or curtains)
(Continued)

BACKSTOP No. C1
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “-”.
Set coding switches #7 and 8 to “+”.

BACKSTOP No. C2
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “.-”.
Set coding switch #7 to “+”.
Set coding switch #8 to “0”.

BACKSTOP No. C3
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “.-”.
Set coding switch #7 to “+”.
Set coding switch #8 to “+”.

BACKSTOP No. C4
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “-”.
Set coding switch #7 to “0”.
Set coding switch #8 to “+”.

BACKSTOP No. C5
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “-”.
Set coding switches #7 and 8 to “0”.

BACKSTOP No. C6
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “-”.
Set coding switch #7 to “0”.
Set coding switch #8 to “-”.

BACKSTOP No. C7
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “-”.
Set coding switch #7 to “-”.
Set coding switch #8 to “+”.

BACKSTOP No. C8
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “-”.
Set coding switch #7 to “-”.
Set coding switch #8 to “0”.

BACKSTOP No. C9
Set coding switches #1 thru 5 to “+”.
Set coding switch #6 to “-”.
Set coding switches #7 and 8 to “-”.

Proceed to Page 9 for instructions on installing the receivers.
3. Install each control receiver (1) on the corresponding numbered backstop or gymnasium divider support structure as shown on installation print, within 3'-0" of the electric winch that it is to control. Use the U-bolt (5) provided or a piece of 1/2" threaded rod to attach box cover to a 3-1/2" O.D. superstructure pipe, 2-3/8" O.D. drop pipe, or truss as shown below.

3-1/2" O.D. SUPERSTRUCTURE PIPE

2-3/8" Dia. DROP PIPE

TRUSS ATTACHMENT

After cover is mounted, attach box assembly with two mounting screws. As units are installed, double-check to ensure that the control box number corresponds to the number marked on the equipment (1 to 1, 2 to 2, etc.).

4. Plug 4-prong twist-lock plug from electric winch into control receiver box (1). Plug 3-prong twist-lock power cord from the control receiver box into the power source (115 volt, single phase, 60 cycle), using the 3-prong twist-lock receptacle (2) and 1/2" deep cover plate (3) provided.

5. With the basketball backstop or gymnasium divider curtain in the down position, test the operation of the unit with the No. 12001-100 or 12001-127 portable transmitter control unit.

CAUTION! – Always keep hands away from the V-belts and pulleys when operating unit.

A. Set selector switch (1 thru 9) to position 1. Set upper selector switch (with No. 12001-127 transmitter only) to position A.

B. Press “UP” button - backstop or gym divider curtain marked No. 1 (or No. A1) should begin up cycle.

C. Set rotary counting limit switches per winch installation instructions.

D. Repeat steps A thru C for all units.

6. All units must be tested before leaving the jobsite, to ensure proper operation with the portable transmitter control unit AND limit switch settings.

7. If the transmitter does not activate one or more of the winch units, double-check the coding switch settings.

8. If the receiver is in the proximity of a metal beam or other obstruction, it may be necessary to relocate the receiver to increase the operating range.

9. If multiple receivers are mounted closer than 15 feet apart, blocking and interference may occur. Relocate the receivers farther apart.

10. Should intermittent operation develop:
    A. Stand closer to the basketball backstop or gym divider curtain receiver unit.
    B. Replace the battery in the portable transmitter control unit (standard 9-volt alkaline battery).

11. Place the portable transmitter control unit(s) and this INSTALLATION & OPERATION MANUAL in the possession of an authorized staff member from the electrical contractor, general contractor, or the school, and demonstrate the operation of the system.
SPORTSONIC®
OWNER’S OPERATING INSTRUCTIONS

Your gymnasium is equipped with SPORTSONIC® remote control device for the operation of the electrically powered basketball backstops and/or gymnasium divider curtains. This device eliminates conventional key switch boxes on the wall of the gymnasium.

CORDLESS CONTROLLER DESCRIPTION

The cordless controller is a battery-operated, radio-controlled transmitter that is coded to the basketball backstops or gymnasium divider curtains in your facility. You may wish to place numbers on the equipment to facilitate identifying which number on the controller corresponds to which piece of equipment. A wall plaque showing the gym floor plan, displaying the equipment numbers may also be helpful.

TO OPERATE UNIT

Set selector switch (1 thru 9) to position 1. Set upper selector switch (with No. 12001-127 transmitter only) to position A.

Stand within 50 feet of unit number 1 (or A1).

To raise the unit, press the “UP” button and hold during the up cycle until the limit switch stops the unit.

To lower the unit, press the “DOWN” button and hold during the down cycle until the limit switch stops the unit.

To stop the operation of the unit, release the button.

To reverse the operation of the unit, allow the unit to come to a complete stop.

Repeat above steps to operate the other units.

CAUTION! - This equipment is equipped with up and down limit controls. However, the staff member operating the system should remain in position ready to RELEASE the button should any mechanical or electrical malfunctions occur. It is imperative that all individuals be cleared from the area beneath the equipment to avoid injury should such malfunctions occur.

The battery in the cordless controller is replaced by removing the back cover plate on the unit. Use a standard 9-volt alkaline battery for replacement.

Spare batteries or even a spare cordless controller is recommended to ensure that a back-up system is available at all times. A spare cordless controller may be ordered as follows:

- No. 12001-100 SPORTSONIC® TRANSMITTER - 9 POSITIONS
- No. 12001-127 SPORTSONIC® TRANSMITTER - 27 POSITIONS

Contact your nearest distributor or Porter Athletic Equipment Company when ordering.

TROUBLE SHOOTING

- Check the 9-volt battery in cordless controller.
- Check to ensure that power is available at all winches. A fuse or circuit breaker may have opened the circuit without your knowledge.
- Check that all plugs are seated firmly in their respective receptacles.
**WARNING**

NEVER operate unit with individuals standing on the floor, in bleachers, etc. in the area of the unit being operated.

Operator must stand within full view (within 50 feet) of the unit being operated.

Should any unusual noise or sudden movement of the unit develop during the up or down cycles, halt operation immediately until unit is checked by a trained technician, and the problem has been corrected.

Cordless controller must always be in the possession of a responsible, trained adult aware of the possible structural damage or injuries that may occur as the result of improper operation or malfunction.

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**LIMITED 1-YEAR WARRANTY ON SPORTSONIC® PRODUCTS**

Porter Athletic Equipment Company warrants Sportsonic® products to be free from defective material and workmanship for a period of one (1) year from original date of purchase at retail. Porter Athletic Equipment Company agrees to repair or replace, at its sole discretion, a defective Sportsonic® product if returned to Porter Athletic Equipment Company within the warranty period and accompanied by proof of purchase.

If service is required under this warranty:

1. Call or write to Porter Athletic Equipment Company for a Return Merchandise Authorization number to be affixed to returned packaging. (This RMA number will also be your reference number).
2. Return defective unit, postage or freight prepaid, to:
   Porter Athletic Equipment Company
   2500 South 25th Avenue
   Broadview, Illinois 60155
4. Enclose check or money order for $2.00 to cover handling and return postage.
5. Make sure all return authorization number labels are affixed to all packages being returned.
6. Porter Athletic Equipment Company is not responsible for shipping damage. Units to be returned should be packed carefully.

This warranty does not extend to any Sportsonic® products which have been subject to misuse, neglect, accident, incorrect wiring, or to use in violation of operating instructions furnished by us, nor other than an authorized service agency or Porter Athletic Equipment Company factory. This warranty does not cover any incidental or consequential damages and is in lieu of all other warranties expressed or implied, and no representative or person is authorized to assume for us any other liability in connection with the sale or our products.

Some states do not allow limitations on how long an implied warranty lasts, and/or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights, and you may also have other rights, which vary from state to state.

If you have any questions, please call our Customer Service Department at (800) 947-6783.
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