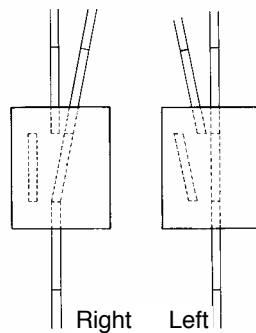


## SWITCHER-I® Switching Devices



No. 143 Switch

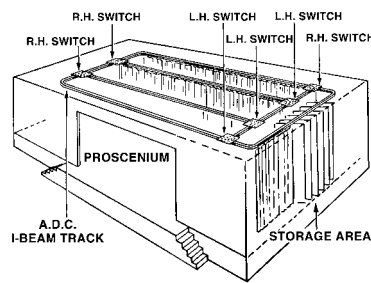


Plan View 143



No. PP-1  
Positioning  
Pole

No. PP-2  
Positioning  
Pole



Typical Layout utilizing  
Switcher-I® Switching Device  
(two-way switch)

### SPECIFICATIONS:

#### Track Switches Models 143-L and 143-R

Switch bases shall be constructed of painted, machined 1/8" steel. Switches shall be equipped with Model 1400 11 gauge extruded aluminum I-beam track milled for precise alignment in either switch position. Base plate of device shall be 1/8" steel machined to allow plate and attached track to freely move from position 1 to position 2. Operation of switch shall be via 1/8" 7 x 19 wire center operating cable attached to two (2) painted steel weights. Steel operating cable shall pass over two (2) ball-bearing equipped steel sheaves secured to steel base of switch via steel mounting straps and hardware. Mounting base shall be equipped with openings for attachment to overhead structural members (unit cannot be flush mounted to ceiling). Model 143-L (Left hand switch) and Model 143-R (Right hand switch) as manufactured by Automatic Devices Company of Allentown, PA.

### DESCRIPTION:

#### SWITCHER-I®

Standard switching devices (for two-way direction) represent a major development in the effort toward more versatile stage and studio settings. Simply by pulling down on a pendant, the track channel is shifted and the curtain is then moved to the switched channel. The mechanism is operated by a spring-loaded lever locking the switched channel into place. In this fashion the scenic contour is quickly and effectively converted to the desired setting. With this flexible switching arrangement stage depths are easily increased or decreased and facilities for curtain storage are made available.

Designed for use with all ADC "walk-along" cyclorama tracks. Switches must be rigidly mounted in all instances. The device is easily installed and merely involves conventional splicing of the track channel to the permanent track sections incorporated as component parts of the switch which is furnished for either left-hand or right-hand operation (**must be specified when ordering**). No. PP-1 Positioning Pole is used to move the two-way switch to another position by simply engaging the pendant and pulling down. It is 8'6" long and can be extended to 16'.

### IMPORTANT NOTES:

- Standard switches are designed for switching to either left-hand or right-hand from center. Switching direction must be specified when ordering. Left and right-hand designation is determined from a plan view perspective.
- Switching mechanism is for manual operation of "walk-along" I-Beam tracks of ADC manufacture only.
- Device can be installed at any location desired.
- Switches cannot be used with flush-mounted tracks unless a recess is provided in the ceiling to accommodate the mechanism.
- Device must be rigidly mounted and care must be taken not to bend the mounting plate or slide it out of alignment. It can be mounted directly to a suitable base if "L" type brackets are used on both the switch and the track channel along with standard track hanging clamps. It can also be hung from pipe batten, but it must be securely bridled.

Switch Model No.	No. of Switching Directions	Track Model No.	Approx. Overall Dimensions (inches) (Incl. permanent track sections.)			Approx. Shipping Weight (lbs.)
			L	W	H	
503	2-way	502, 502-R	29	14	5	36
423	2-way	422, 422-R	27	11	5	27
143	2-way	142, 142-R	27	11	4	24
133	2-way	132	23	11	4	21
MTWS	2-way	see pg. 77	27	13	6	31

Note: When ordering perspective is plan view. Also available with a black finish.