Twilite System Controls

Features

Playback Station
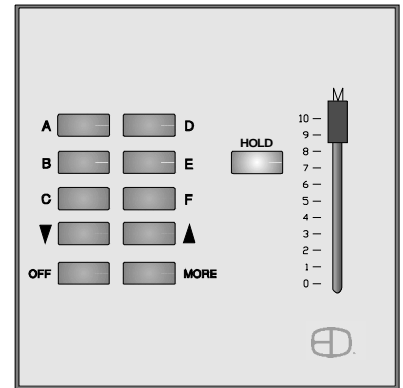
- ● Fader Hold Button
- ● Optional Clear Cover
- ● Dedicated MORE Key
- ● Remote Preset Control
- ● Manual Playback Fader
- ● Illuminated Pushbuttons
- ● Custom Colors Available
- ● Standard Gang Backbox
- ● Simple Contractor Wiring
- ● Screwless Faceplate Design

Description

The Playback Station presents a combination of push-button preset selection with simple, 'hands on' fader control which integrates directly into the Twilite System Control network. All Twilite System Controls rely on the same simple local area network-style wiring configuration. All data is stored in a centralized processor which can be mounted for the convenience of the operators, not necessarily at the dimmer bank.

The Playback Station offers the user access to presets in a truly unique manner. The illuminated push button design allows the selection of up to 12 presets. The proportional master control allows the user to alter any stored preset proportionally brighter or dimmer than the recorded value. Any mastered preset can be restored to the original value by simply touching the illuminated preset button. All preset fade times are established by the Display Station.

The Playback Station allows any push button preset to be manually controlled by the Playback fader. Select the Hold button and press the preset. The manual fader will load and lock the preset as long as the Hold button is illuminated. No other remote can select a preset when Hold is active.

The Playback Station offers a dedicated 'More' key which coordinates the pages of the Display Station with the push-buttons of the remote station. Pressing the 'More' key changes the active page and allows the six selector keys to recall presets from the second page. When the 'More' key is illuminated, the Playback Station is on the second page.

The 'Remote Lock' feature allows the user to set up preset conditions where the local station has no access to the system when a selected preset is active. When the preset is changed at a Display Station, the Remote or Playback Station is restored with all recall assignments operational. This feature allows for presentations to occur with only controlled interruption.

Off-line storage through the 3.5" industry standard disk drive allows the assignments to be part of the system records, which can be automatically recalled should any interrupt occur in the system.

The Playback Station is designed to be mounted in a standard-gang masonry backbox supplied with the station. An attractive dimensional frame separates the controls from the background. The faceplate is mounted without visible fasteners. Faceplates are available is brushed aluminum or optional anodized pewter, bronze or black finishes. Custom colors are available.

Ordering Information: Twilite System Controls

Playback Station:	Faceplate Surface:	Optional Faces:	Custom:
❑ PS/12PS	❑ Brushed Aluminum	❑ Anodized Pewter	❑ Plate Color
	❑ Black Frame	❑ Anodized Bronze	❑ Frame Color
		❑ Anodized Black	

JOB NAME:

JOB NAME:

CUSTOMER:

P.O. #

APPROVAL STAMP

Electrical Data

Control Voltage: Class II Multiplex (Low Voltage).

Control Cable: Alpha 1133 cable, tinned copper, PVC insulated, color coded twisted pairs, PVC jacket.

Note: Stations are connected via Daisy-Chain. Backbox must be grounded to system conduit.
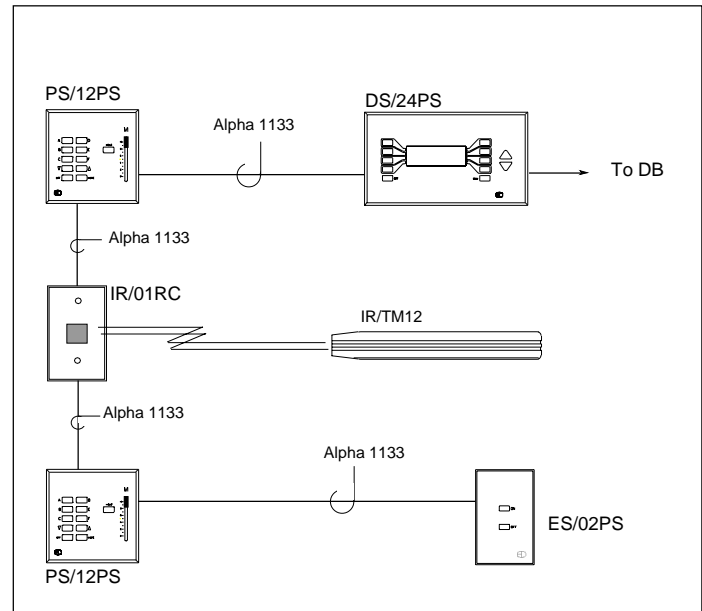
Physical Data

Backbox: Standard masonry deep backbox.

Connector: Keyed removable Termination Connector.

Switch: Rotary switch identifies station on network.

Station Frame: Frame holds faceplate in position without screws.

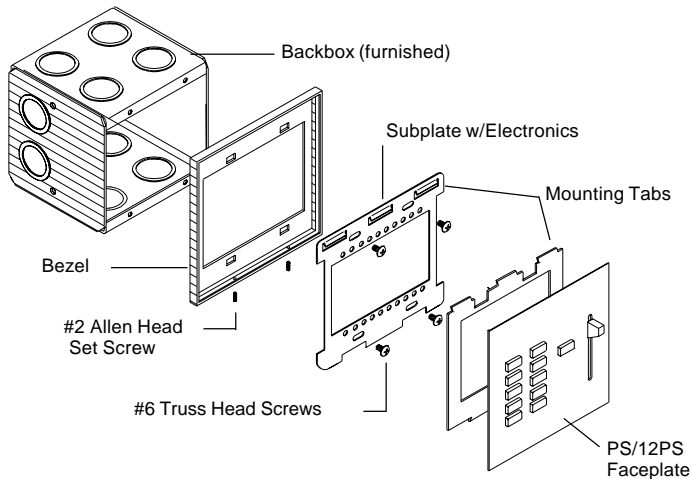Station Cover: *See Data Sheet A240.

Dimensions

Twilite Control	Face-Plate	Wallbox Size		
		Width	Height	Raco #
PS/12PS	4.69"	3.78"	3.75"	696

Control System Riser Diagram

Mounting Details

1. Mount backbox.
2. Route wires from backbox through bezel and connect to electronics on subplate.
3. Align bezel and subplate and attach to backbox, using #6 truss-head screws (furnished).
4. Slip wallplate mounting tabs under corresponding subplate tabs.
5. Fasten wallplate to subplate with allen head set-screws located on bottom of bezel. Turn set-screws until resistance is felt.
   DO NOT OVER-TIGHTEN.

Specifications

1. A Playback Station shall be a low cost, network compatible, preset control station with a manual fader. The station shall adhere to the criteria listed below as a minimum for acceptance:
   A. Clear visual indication of the system operating status.
   B. Direct tactile and visual feedback to any control request.
   C. Controls which offer full electrical isolation from the station electronics.
   D. Attractively framed flat panel styling to blend with interior decors.

2. The Playback Station shall perform basic lighting control functions as defined by the system program. The minimum control features shall include, but not be limited to, the requirements as listed below:
   A. Select up to twelve presets with or without a fade time.
   B. Offer proportional master with raise and lower keys.
   C. Allow any preset to be in a HOLD condition with manual linear control.
   D. Select a condition with linked and timed features.
   E. Select a system OFF condition.

3. The Playback Station shall be subject to control conditions assigned by a system display station. All assignments shall be available for review or edit from a system display station at any time. The minimum conditions shall consist of:
   A. 'Remote lock' which restricts take control when assigned preset is active.
   B. Station lock feature which restricts all station activity.
   C. Event control through linked and timed features.

4. The Playback Station shall be designed for easy installation. Constructed on .060" fiberglass material, drilled and reinforced, the station shall consist of two primary assemblies:
   A. An input board designed for network input with feedback to include:
      a. Inputs shall be electrically isolated rubber buttons.
      b. Status indicators shall be long life LEDs.
      c. Linear potentiometer with a minimum of 45mm. travel.
   B. A processor board for direct network connection to include:
      a. Network assignment through 16 position rotary encoder.
      b. Keyed removable connector for control terminations.

5. The Playback Station shall fit in a two-gang deep masonry backbox supplied with the station. Faceplates shall be secured without visible fasteners.
   A. Silk-screened graphics shall identify the button functions.
   B. Faceplates of .080" brushed aluminum shall be standard. Custom anodized or painted faceplates shall be available on request.
   C. Optional covers include clear Lexan© hinged or recessed wall box with locking cover.*

Electronics Diversified, Inc.

1675 N.W. Cornelius Pass Road, Hillsboro, Oregon 97124 U.S.A. Phone Toll Free: 1-800-547-2690