

# Outlook / SWC Display Station Operation



Outlook / System-Wide Control Display Station (63030) is a control panel intended for wall mounting in-doors as part of a processor based lighting control system. It should

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be installed by a qualified person in accordance with the installation instructions included in the pack.

## Contents

The carton should contain:-

- Item 1 Display Station (in protective bag)
- Item 2 4 x Fixing screws (with station)
- Item 3 Allen Key (taped to station frame)
- Item 4 Outlook Station Installation Instructions
- Item 5 Outlook Programming Guide Booklet
- Item 6 This leaflet

Please examine the product and inform your supplier of damage or shortage immediately.

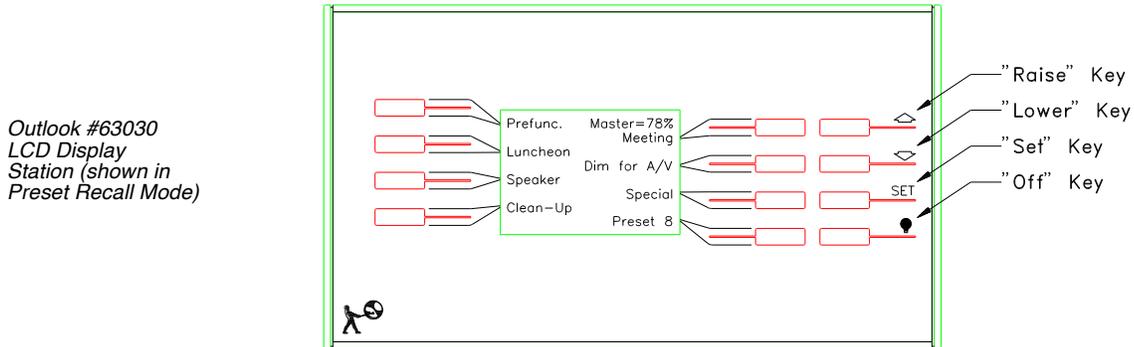
This instruction leaflet should be passed to the end user who should retain it for reference.

## Caution

Once unpacked and before installation the station should be handled carefully as components on the circuit boards are easily damaged. The printed circuit boards should not be handled as they can be harmed by electrostatic discharges.

## General Description

The Outlook / System-Wide Control Display Station is an extremely versatile control system, providing a large number of functions from a single control surface. Following is a guide to programming and operation of this station. For further information on the complete Outlook or SWC control systems, refer to the Outlook and SWC Product Data Sheets in your Strand Catalog.



The station can be set to either of two Outlook operation modes, or a single SWC mode. The first Outlook mode allows the user to record and recall all presets in a single room. The second mode configures the station as a room combine interface. The SWC mode allows the user to recall and record all 99 SWC backup cues. All modes feature user-defined names for rooms, presets, backup cues (first 16 only), and/or channels.

The desired station mode is selected from the configuration screen during installation. The configuration mode is entered by pressing and holding the "Set" and "Raise" keys simultaneously for 5 seconds from any state. The configuration mode is also entered automatically if the station mode definition in the station's EEPROM is not valid or has not yet been configured.

Sample "Configuration" screens:



1	Type: Preset Recall	2
3	Channels: <u>1</u> 5	4
5	Record Enabled: Y	6
7	Set Default Names	8
	Cancel	
	Save	

1	Type: Room Link	2
3	Rooms: <u>0</u> 6	4
5	First Room: 01	6
7	Set Default Names	8
	Cancel	
	Save	

1	Type: SWC Backup Cue	2
3		4
5	Record Enabled: Y	6
7	Set Default Names	8
	Cancel	
	Save	

When the "Station Configuration" screen is active, the station's buttons have the following functions:

**LCD Button 1:** Changes the station type between "Outlook Preset Recall", "Outlook Room Link" and "SWC Backup Cue Recall". The mode dependent fields shown above are updated appropriately.

**LCD button 3:** Moves the edit cursor to the corresponding field: "Channels" ("Outlook Preset Recall" mode) or "Rooms" ("Outlook Room Link" mode).

**LCD button 5:** Toggles the Record enabled flag setting ("Preset Recall" mode), or sets the edit cursor to the "First Room" field ("Room Link" mode).

**LCD button 6:** Exits the station configuration screen without changing any of the station's settings. NOTE: If the "Set Default Names" function has been selected, the user-defined names WILL NOT be restored upon exit.

**LCD button 7:** Sets all station names to the default values: "Preset n", "Cue nn", "Channel nn", "Room n", or blank as appropriate for the current station type.

**LCD button 8:** Saves the current settings and exits the station configuration screen.

**"Raise" button:** Pressing this button causes the number under the edit cursor to increment. If the button is held for longer than two seconds the key will "auto repeat" and the digit will start advancing automatically until the button is released or the maximum legal value is reached.

**"Lower" button:** Pressing this button causes the number under the edit cursor to decrement. If the button is held for longer than two seconds the key will "auto repeat" and the digit will roll backwards automatically until the button is released or the minimum legal value is reached.

## Outlook Preset Recall Mode

The Outlook Master Display station has 5 screens, namely:

1. Preset Recall.
2. Set Level (or Manual).
3. Record Selection.
4. Set Fade time.

5. Edit Label.

Sample "Preset Recall" screen:

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1	Preset 1	Master=97%	
		Preset 2	2
3	Meeting		
		Dim for A/V	4
5	NAMExxxxxxx		
		NAMExxxxxxx	6
7	NAMExxxxxxx		
		NAMExxxxxxx	8

When the "Preset Recall" screen is active, the station's buttons perform the following functions:

**LCD buttons 1→8:** Selects one of the 8 Outlook presets. Each button is labeled by user definable text of up to 11 characters. Momentarily pressing one of the buttons selects the corresponding preset. Pressing and holding one of the buttons for 3 seconds selects the "Record Selection" screen for the corresponding preset. Momentarily pressing the active preset's button toggles the room to the "OFF" preset.

**"Off" button:** Pressing this button momentarily selects the "OFF" preset. Pressing and holding this button for 3 second enters the "Set Fade Time" screen with the "OFF" preset selected (note: the "record selection" screen is bypassed because levels cannot be recorded into the "OFF" preset). If the button is pressed and held for 5 seconds simultaneously with the "Set" button, the station's RECORD LOCKOUT is toggled.

**"Set" button:** Pressing this button momentarily activates the "Level Setting" (or "Manual") screen. Pressing and holding this button for 3 second enters the "Set Fade Time" screen for the "Manual" preset. (Note: the "Record Selection" screen is bypassed because levels may not be recorded into the "Manual" preset). If the "Set" button is pressed and held for 5 seconds simultaneously with the "Off" button, the station's RECORD LOCKOUT is toggled. If the button is pressed and held for 5 seconds simultaneously with a preset button, the "Edit Label" screen is activated with the corresponding preset selected for editing. If the "Set" button is pressed and held for 5 seconds simultaneously with the "Raise" button, the "Station Configuration" screen is selected.

**"Raise" and "Lower" buttons:** These buttons master the current preset's output levels, simulating the functionality of the master pot on Outlook slider stations. The current preset's levels can be varied from 0 to 100% of their recorded levels. The "Raise" and "Lower" LED's illuminate while pressed only. The active preset's LED will flash to indicate the preset's level has been mastered by this station. The "master" level changes slowly in the appropriate direction while the button is held. Whenever the station is in the preset master mode, "Master=xx%" will be displayed in the upper right corner of the screen. Returning the master level to 100% exits the preset master mode. Pressing and holding the "Raise" and "Lower" buttons simultaneously for 5 seconds toggles the TOTAL LOCKOUT function (all other stations assigned to the same room become inoperative). The "Raise" and "Lower" LED's will flash alternately while a total lockout is active.

Sample "Set Level" screen:

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1	C01 Channel 1	28%	
	Channel 2	72%	C02
3	C03 Downlight	50%	
	Wallwash	37%	C04
5	C05 NAMExxxxx	##%	
	NAMExxxxx	##%	C06
7	C07 NAMExxxxx	##%	
		Next Page	8

When the "Set Level" (or "Manual") screen is active the station's buttons perform the following functions:

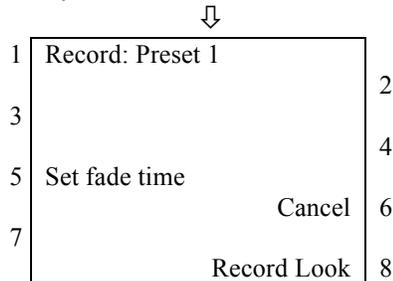
**LCD buttons 1→7:** Toggles the selection of the associated channel(s) to be controlled. Each channel button is labeled by the channel number (i.e. "C01") followed by user definable text of up to 9 characters. Note that the channel number is displayed to prevent confusion because there may be more than one page of channels. The associated LED is illuminated when the channel is selected.

**LCD button 8:** Labeled as "Next Page". Pressing this button causes the channel screen to display the next set of 7 channels. Pressing this button while the last channels in the room are on screen returns the display to the first set of 7.

**"Set" button:** Momentarily pressing this button selects the "Preset Recall" screen. Channel levels are unaffected. No presets are recorded. If this button is pressed and held for 5 seconds simultaneously with a

channel button the edit label screen is activated for the corresponding channel. If the "Set" button is pressed and held for 5 seconds simultaneously with the "Raise" button, the "Station Configuration" screen is selected. **"Raise" and "Lower" buttons:** These buttons are used to increase or decrease the level of the currently selected channel(s). The "Raise" and "Lower" LEDs illuminate only while pressed. The levels of the selected channels change in the appropriate direction while the button is held.

Sample "Record Selection" screen:



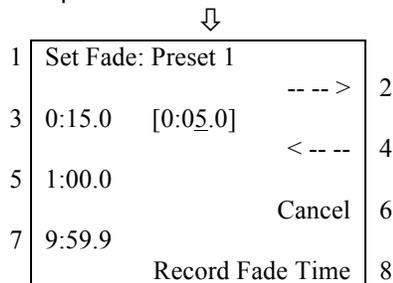
While the "Record Selection" screen is active the station's buttons have the following functions:

**LCD button 5:** Selects the "Record Fade Time" screen

**LCD button 6:** Exits the record selection screen without recording a preset. Station returns to the "Preset Recall" screen.

**LCD button 8:** Records the current look into the indicated preset. The station returns to the "Preset Recall" screen.

Sample "Set Fade Time" screen:



When the "Set Fade Time" screen is active, the station's buttons have the following functions:

**LCD Button 1:** Sets the contents of the fade time edit box to zero seconds.

**LCD button 2:** Moves the edit cursor one digit to the right.

**LCD button 3:** Sets the contents of the fade time edit box to 15 seconds.

**LCD button 4:** Moves the edit cursor one digit to the left.

**LCD button 5:** Sets the contents of the fade time edit box to 1 minute.

**LCD button 6:** Exits the set fade time screen without recording a new fade time. The station returns to the "Record Selection" screen.

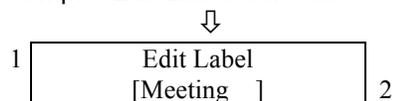
**LCD button 7:** Sets the contents of the fade time edit box to the maximum (9 minutes, 59 and 9/10 seconds).

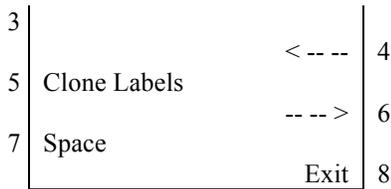
**LCD button 8:** Records the specified fade time into the selected preset and returns the station to the "Record Selection" screen.

**"Raise" button:** Pressing this button causes the digit under the edit cursor to increment. If the button is held for longer than two seconds the key will "auto repeat" and the digit will start advancing automatically until the button is released or the digit '9' is reached.

**"Lower" button:** Pressing this button causes the digit under the edit cursor to decrement. If the button is held for longer than two seconds the key will "auto repeat" and the digit will roll backwards automatically until the button is released or the digit '0' is reached.

Sample "Edit Label" screen:





When the "Edit Label" screen is active, the station's buttons have the following functions:

**LCD button 4:** Records the character under the edit cursor and then moves the cursor one character to the left.

**LCD button 5:** Copies the labels from this station to all display stations in the same room (Preset Recall station mode), or all stations on the same LAN (Room Combine mode). The LED will begin flashing when pressed and will continue to flash until all labels have been downloaded.

**LCD button 6:** Records the character under the edit cursor and then moves the edit cursor one character to the right.

**LCD button 7:** Replaces the character under the edit cursor with a space and then moves the edit cursor one character to the right.

**LCD button 8:** Records the character under the edit cursor and then returns the station to the previous screen ("Set Level" or "Preset Recall").

**"Raise" button:** Pressing this button causes the character under the edit cursor to advance one character, i.e. a "c" becomes a "d". If the button is held for longer than two seconds the key will "auto repeat" and the characters will start advancing automatically until the button is released.

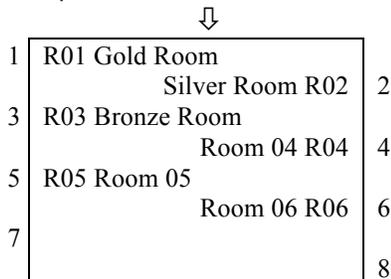
**"Lower" button:** Pressing this button causes the character under the edit cursor to backup one character, i.e. a "c" becomes a "b". If the button is held for longer than two seconds the key will "auto repeat" and the characters will start roll backwards automatically until the button is released.

## Outlook Room Link Mode

The Outlook Room Link Display station has 2 screens, namely:

1. Link Status.
2. Edit Label.

Sample "Link Status" screen:



When the "Link Status" screen is active, the station's buttons have the following functions:

**LCD buttons 1→8:** Each room button is labeled by the room number (i.e. "R01"), and by user-definable text of up to 11 characters. The room number is displayed to prevent confusion, because there may be more than one page of rooms. Momentarily pressing a button allows the station to indicate current room link status by extinguishing the LED's for any room not linked to the selected room. Pressing and holding the button for 3 seconds begins a link definition sequence with this room as the master. The master room's LED will begin flashing and the "Set" LED will illuminate to indicate the link definition state has been entered. It is not necessary to hold the button while selecting other rooms to included in the link. Momentarily pressing a button while in link definition mode adds or removes the associated room from the new link. Links are dissolved by pressing the button corresponding to one of the rooms in the link to be dissolved, and holding it for 3 seconds. When the "Set" LED illuminates, pushing the "Set" button will dissolve that room link.

**"Raise" button:** Pressing this button will cause the screen to scroll up two lines if there are more rooms to be displayed "below" the last row. Note: The display scrolls two lines at a time to prevent rooms from changing from one side of the screen to the other as they scroll.

**"Lower" button:** Pressing this button will cause the screen to scroll down two lines if there are more rooms to be displayed "above" the top row.

**“Set” button:** Pressing this button momentarily while defining a link causes the current link configuration to be recorded. If the “Set” button is pressed and held for 5 seconds simultaneously with a room button, the “Edit Label” screen is activated with the corresponding room selected for editing.

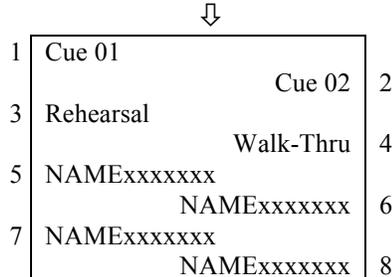
Operation of the “Edit Label” screen is identical to that in “Outlook Preset Recall” mode.

## SWC Backup Cue Recall Mode

The System-Wide Control display station has four screens, namely:

1. Backup cue recall.
2. Record selection.
3. Set Fade time.
4. Label edit.

Sample "Backup Cue Recall" screen:



When the "Backup Cue Recall" screen is active, the station's buttons perform the following functions:

**LCD buttons 1→8:** Each button is labeled by a cue number (i.e. "Cue 01") followed by user definable text of up to 11 characters for the first 16 cues. Cues 17 to 99 are labeled with a fixed label of "Cue ##". Note that the cue number is displayed to prevent confusion because there are more than one page of cues. Pressing the button momentarily activates the corresponding backup cue. Pressing and holding the button for 3 seconds the "Record Selection" screen is activated. . Momentarily pressing the active preset's button toggles to the "BLACKOUT" cue.

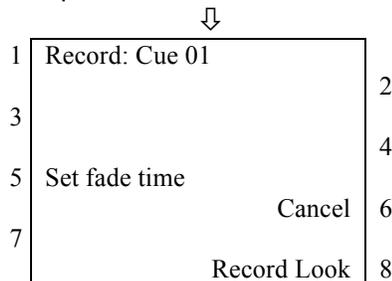
**"Raise" button:** Pressing this button will cause the screen to scroll up two lines to display more cues. Note: The display scrolls two lines at a time to prevent cues from changing from one side of the screen to the other as they scroll.

**"Lower" button:** Pressing this button will cause the screen to scroll down two lines to display more cues.

**"Off" button:** Pressing this button momentarily selects the "BLACKOUT" cue.

**"Set" button:** If the button is pressed and held for 5 seconds simultaneously with a button for backup cues 1→16 the edit "label screen" is activated with the corresponding cue selected for editing. If the set button is pressed and held for 5 seconds simultaneously with the "Raise" button, the "Station Configuration" screen is selected.

Sample "Record Selection" screen:



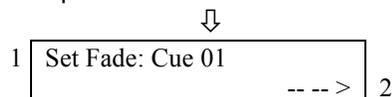
While the "Record Selection" screen is active the station's buttons have the following functions:

**LCD button 5:** Selects the "Record Fade Time" screen

**LCD button 6:** Exits the record selection screen without recording a cue. Station returns to the "Backup Cue Recall" screen.

**LCD button 8:** Records the current look into the indicated preset. The station returns to the "Backup Cue Recall" screen.

Sample "Set Fade Time" screen:



3	0:15.0	[0:0 <u>5</u> .0]	< ---	4
5	1:00.0		Cancel	6
7	9:59.9			8
		Record Fade Time		

When the "Set Fade Time" screen is active, the station's buttons have the following functions:

**LCD Button 1:** Sets the contents of the fade time edit box to zero seconds.

**LCD button 2:** Moves the edit cursor one digit to the right.

**LCD button 3:** Sets the contents of the fade time edit box to 15 seconds.

**LCD button 4:** Moves the edit cursor one digit to the left.

**LCD button 5:** Sets the contents of the fade time edit box to 1 minute.

**LCD button 6:** Exits the set fade time screen without recording a new fade time. The station returns to the "Record Selection" screen.

**LCD button 7:** Sets the contents of the fade time edit box to the maximum (9 minutes, 59 and 9/10 seconds).

**LCD button 8:** Records the specified fade time into the selected cue and returns the station to the "Record Selection" screen.

**"Raise" button:** Pressing this button causes the digit under the edit cursor to increment. If the button is held for longer than two seconds the key will "auto repeat" and the digit will start advancing automatically until the button is released or the digit '9' is reached.

**"Lower" button:** Pressing this button causes the digit under the edit cursor to decrement. If the button is held for longer than two seconds the key will "auto repeat" and the digit will roll backwards automatically until the button is released or the digit '0' is reached.

Operation of the "Edit Label" screen is identical to that in "Outlook Preset Recall" mode. Keep in mind that only the first 16 backup cues can have user-defined labels.

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