

**READ AND FOLLOW ALL SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION**

IMPORTANT SAFETY INSTRUCTIONS

⚠ WARNING

To reduce the risk of death, injury or property damage from fire, electric shock, cuts, abrasions, falling parts, and other hazards:

- Service of the equipment must be performed by qualified service personnel.
- Installation and maintenance must be performed by a person familiar with the construction and operation of this product and any hazards involved. All applicable codes and ordinances must be followed.
- Read this document before installing, servicing, or maintaining this equipment. These instructions do not cover all installation, service, and maintenance situations. If your situation is not covered, or if you do not understand these instructions or additional information is required, contact *Synergy Lighting Controls*.

⚠ WARNING

Before installing, servicing, or maintaining this equipment, follow these general precautions.

To reduce the risk of electrocution:

- Make sure the equipment is properly grounded.
- Always de-energize any equipment before connecting to, disconnecting from, or servicing the equipment.

To reduce the risk of fire:

- Use supply conductors with a minimum installation temperature rating as specified.

To reduce the risk of personal injury from cuts, abrasions:

- Wear gloves to prevent cuts or abrasions from sharp edges when removing from carton, handling and maintaining this equipment.
- Do not install a damaged equipment.

Synergy Lighting Controls, a division of *Acuity Brands Inc.*, assumes no responsibility for claims arising out of improper or careless installation or handling of this product.

SAVE THESE INSTRUCTIONS

Installation Instructions

Hand Held Programmer



Specifications

POWER – Four AAA batteries, provided.

CONTROL RANGE – effective range will vary based on the condition of the batteries, the reflectivity of the room surfaces and the cleanliness of the lenses.

NOMINAL RANGE - 25' (7.5m), direct line of sight.
Replace the batteries when the range drops to where it is no longer acceptable.

SIZE – 7.42" L x 2.35" W x 1.0" H

OPERATING TEMPERATURE - 0 to 50° C

Battery Installation

1. Press the battery compartment cover latch tab and lift off the cover.
2. Install four fresh AAA batteries in the direction indicated in the bottom of the battery compartment.
3. Replace the battery compartment cover.

WARNING: Do not store the unit in such a way that any buttons are continuously pressed. This will reduce battery life and could cause damage to the unit.

Introduction

The SYWR HHP is a hand held Infrared transmitter. It is used in conjunction with Synergy SYRS digital remote stations having the IR receiver option. The operational features of the HHP will vary somewhat based on the configuration of the SYRS station. Not all IR functions are available in all station configurations. See the SYRS Installation Guide for details on configuring the SYRS digital remote station for IR operation.

Operation

Pressing a button on the hand held transmitter sends an encoded infrared light pulse to the receiver. It is important to hold the HHP so the infrared signal has a clear path to the receiver (wall or ceiling mount).

Before the HHP can function properly, the SYRS station containing the IR receiver must be properly configured as a control station with channels.

Functions

All ON: Turns ON all channels controlled by the station

All Off: Turns OFF all channels controlled by the station.

Raise: Ramps up the intensity of the selected channel(s).

Lower: Ramps down the intensity of the selected channel(s)

Master Raise: Ramps up all channels controlled by the station.

Master Lower: Ramps down all channels controlled by the station.

Channel: A group of lights that are controlled together. Usually applies to dimming.

Preset: A saved setting of light levels for a group of channels.

Fade: The time saved for transitioning from one preset to another.

Installation Instructions

Hand Held Programmer



Functional Operation

Turn all lighting ON

PRESS AND RELEASE the ON/RAISE button to turn on all lighting controlled by channels assigned to this station.

Turn all lighting OFF

PRESS AND RELEASE the OFF/LOWER button to turn off all lighting controlled by the channels assigned to this station.

NOTE: The ON and OFF functions only work with channels. You must have SYRS stations programmed to control channels.

Master Raise

PRESS AND HOLD the ON/RAISE button. All lighting controlled by channels on this station will ramp up over a six second period as long as the button is held down.

Master Lower

PRESS AND HOLD the OFF/LOWER button. All lighting controlled by channels on this station will ramp down over a six second period as long as the button is held down.

Activate a preset

PRESS AND RELEASE a PRESET button. The lighting will fade to the levels saved in the preset over the fade time associated with the preset.

Manually Control a Channel

PRESS AND RELEASE the CHANNEL button. The button will light.

PRESS AND RELEASE the channel button(s) to be controlled. The selected channel button(s) will light. *PRESS AND HOLD* the ON/RAISE button to ramp the lighting up or *PRESS AND HOLD* the OFF/LOWER button to ramp the lighting down. *PRESS AND RELEASE* the CHANNEL button to end the sequence. All illuminated buttons will extinguish.

Saving a Preset

Saving a preset is a three step process. First, adjust the channel levels, then set the fade time, and finally assign the preset to a numbered button.

Step 1: Adjust Channel Levels

PRESS AND RELEASE the CHANNEL button. The button will light.

PRESS AND RELEASE the numbered button for the first channel to be adjusted. Use the ON/RAISE and/or OFF/LOWER buttons to select the appropriate light level for the channel. Once the desired level is achieved, *PRESS AND RELEASE* the numbered channel button to extinguish the illuminated button, which deselects the channel. *PRESS AND RELEASE* the numbered button for the next channel to be adjusted. Repeat this process for all channels.

Step 2: Set the Fade Time

PRESS AND RELEASE the FADE button. The button will light. Enter the desired fade time using the numeric keys. Valid fade time entries are 5, 10, 15, 30, 45, and 60 seconds. Press the FADE button until it beeps.

Step 3: Choose a Button to Store the Preset

PRESS AND RELEASE the PRESET button. The button will light. *PRESS AND RELEASE* a numbered button to store the preset. The button will light. *PRESS AND HOLD* the PRESET button until it beeps and all illuminated buttons extinguish. The numbered button now stores the preset level, and pressing it will recall the stored light levels.

