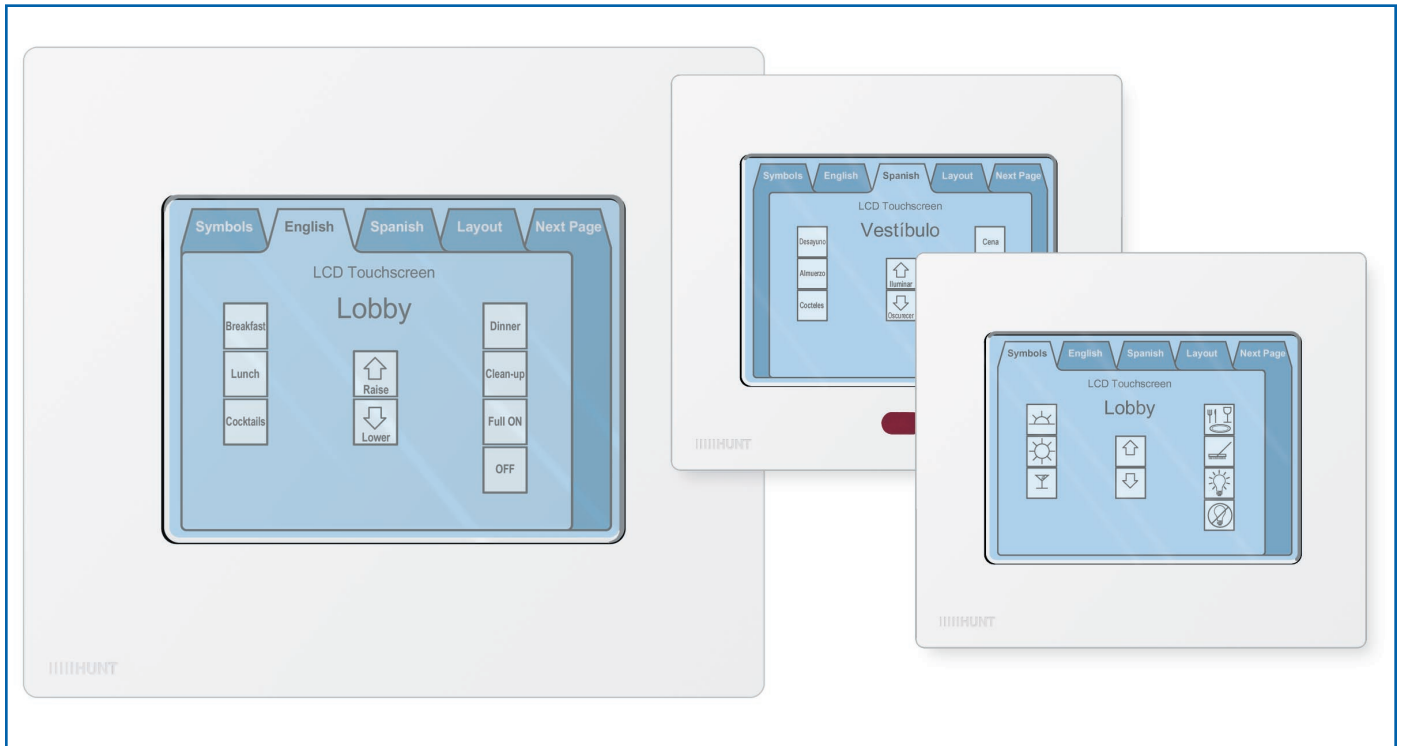


## *Simplicity™* Series LCD Touchscreen



STS

The *Simplicity™* Series LCD Touchscreen provides visual and intuitive digital lighting control for single location operation, monitoring and programming of all lighting zones. The LCD control station may also be combined with a variety of pushbutton stations and I/R remotes for unlimited flexibility.

Any scene programmed into the system can be selected or reconfigured using the touchscreen. The function of any control station in the system may also be mirrored.

The LCD touchscreen may be password protected for multiple user access levels.

A multiple event-timer allows up to 40 separate events to be set at any one time, allowing the lights to be controlled automatically to a pre-determined level according to the time settings.

The LCD display is backlit, making it easy to view in any light.

The LCD bezel is finished in standard commercial grade white plastic, with available custom finishes and engraving.

## RS-485 Network Cabling

Use Belden 9729 or equivalent with two pairs (100 Ohm impedance per pair), individually shielded with overall shielding. Connect pair one to data highway (Data+, Data-) and pair two to power (+24V, 0V).

For cable runs in excess of 3,250 ft, use Belden 9730 or equivalent with three pairs, individually shielded with overall shielding. Connect pair one to data highway (Data+, Data-), twist pair two together (+24V), twist pair three together (0V).

The RS-485 network should be connected in a daisy chain with a beginning and an end.

In long networks the pairs providing power should not be connected in a circular loop (i.e. the last network point should not be connected to the first network point). This is only required for the power pairs and NOT the data pairs.

### Dimensions

Faceplate	
outside	6.75" (H) x 7.75" (W)
inside (LCD screen)	3.63" (H) x 4.75" (W)
Backbox	5.75" (H) x 7.25" (W) x 2.75" (D)

### Communication

Bus cable	2 twisted-pair cable, 100 ohms impedance
Types	Belden 9729, Belden 9730 or equivalent
Data Highway Connection	4-way Weidmuller-type connector

### Input Voltage

Connection	120V, 60 Hz, single-phase
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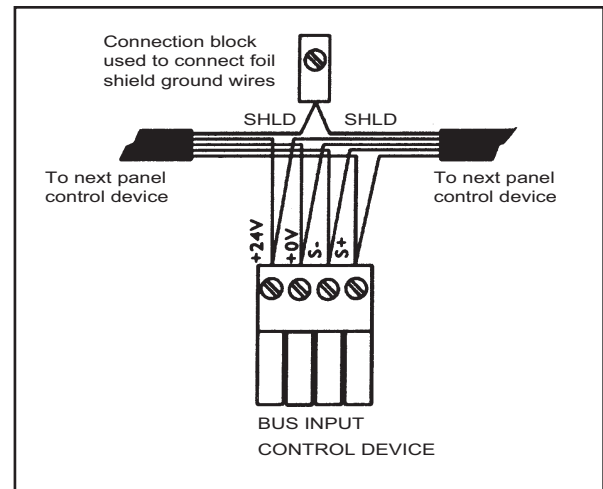
### Control Devices

Power supply	+24V DC, GND
Control Input	RS-485 network (data+, data-) RS-232 (TX, RX, GND)

### Environmental Conditions

Temperature	32° to + 104° F
Rel. Humidity	5% to 90%; no condensation

*Technical information*



*Wiring diagram*

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