

Installation Overview:

The SC-12 Cab Master is an accessory to the base SC-12 system. It is not required for proper operation of the control system. An SC-12 Cab Master provides a convenient striping overview and can take control of either carriage, which allows it to be used as a spare SC-12 Master.

Recommended location:

The SC-12 Cab Master is usually located in the front cab, between the driver and passenger. It can be used for single-operator operations or with a driver and passenger.

Designation:

Normal SC-12 Masters are designated Left or Right. The SC-12 Cab Master has neither designation at shipping, but can override either side using the Quick Setup menu.

Mounting:

The optimal viewing angle for the SC-12 Cab Master display is straight-on or from the bottom up. Skip-Line recommends the SC-12 Cab Master be mounted in a manner that can be “tilted” so the top of the unit is further away from the operator than the bottom of the unit.

The SC-12 Cab Master has nutserts on either side of the unit (to the left and to the right of the front panel). These nutserts should be utilized so the SC-12 Cab Master is tiltable, using a U-shaped bracket.

The nutserts accept a Skip-Line supplied #14-32 Hex Bolt. $\frac{3}{4}$ ” length (12mm x 1.75mm x 20mm)

Please mount in a location free from exposure to:

- Water
- Pressure Washing
- Excessive mechanical vibration
- Temperature extremes
- Intermittent, poorly regulated, highly inductive, or noisy power sources

Communications Cabling

The SC-12 Cab Master gets power and communications from one of the BUS-012 hubs (usually the front hub, although it does not matter) via a CAT5 cable. Connect the SC-12 Cab Master to

any of the numbered BUS-012 RJ45 jacks (1-8). If properly connected to a BUS-012 hub the large green port light on the BUS-012 hub should be illuminated.

Cabling should use 26AWG (or larger) Cat5 cable and RJ45 connectors. Cat5 cable should not be longer than 5 meters (16.4 feet). The Hubs accept only standard RJ45 plugs. Some of the devices have sealed RJ45 jacks, available from Skip-Line, which will accept either standard or strain-relieved IP-67 rated plugs. See Appendix B of the SC-12 Manual for instructions on RJ45 568-B connector wiring.

Avoid pinch points where the cable may be damaged from moving parts.

Tips:

- Use a continuity tester for all Cat5 cables

Dimensions:

SC-12 Cab Master: 7.38"W x 7.38"H x 2.64"D

Enclosure Used: Hammond 1590FBK

WARNING!!!

Always unplug all CAT-5 cables prior to any welding on the vehicle. Failure to do so may result in severe damage to the unit.