

915MHz Radio Extender Kit



Installation Guide



1.1 Pre-mounting Preparation

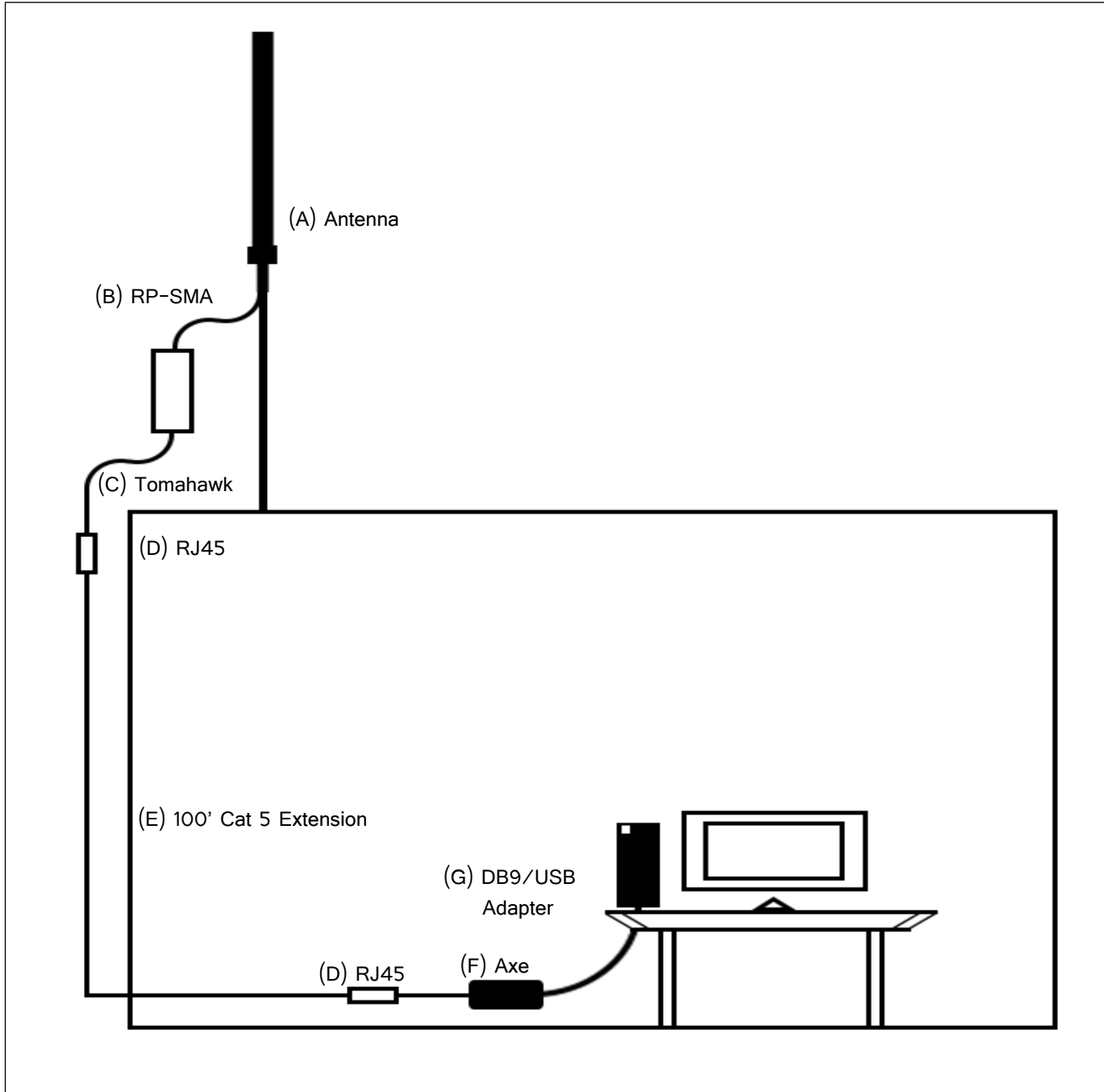


Figure 1: Extender Kit Layout

- Step 1. Select an appropriate location for the antenna. Choose a location such that the gateway antenna can be positioned within line of sight and within 1000' of at least one lighting control module. Height should be approximate to the height of nearest controller. The Tomahawk must be mounted in an enclosure adequate to environment conditions.
- Step 2. Pre-drill holes to run cable through walls and ceilings as needed. Allow for no more than 100' of Cat 5 cable in your wiring plan between the antenna and your PC or laptop interface.

1.2 Installation

- Step 1. Pole mount the antenna (A) using adjustable bracket with U-bolts.
- Step 2. Surface mount Tomahawk (C) using pre-drilled holes in enclosure.
- Step 3. Connect antenna to Tomahawk (C) with RP-SMA adapter (B).
- Step 4. Connect Tomahawk (C) Cat 5 cable to the 100' Cat 5 extension (E) with Female/Female RJ45 adapter (D).
- Step 5. Snake 100' Cat 5 extension (E) to PC or laptop interface location.
- Step 6. Connect Cat 5 extension (E) to Axe (F) Cat 5 cable with Female/Female RJ45 adapter (D). Connect Axe AC power adapter to outlet.
- Step 7. Connect Axe (F) to laptop or computer terminal with DB9 to USB serial adapter (G).



Copyright © 2015 by LSI Controls

All rights reserved.

For permission requests, please contact at:

15268 NW Greenbrier Parkway

Beaverton, OR 97006

1-844-444-4476

www.lsi-industries.com