



ESI Plus Installation Instructions

The ESI Plus allows dial-up telephone control of the ARC Plus broadcast facility remote control system, as well as dial-out alarm notifications. The ESI Plus is installed inside the ARC Plus chassis and connects to a standard telephone line. If you are adding the ESI Plus to an ARC Plus already in the field, follow the instructions below to install the ESI Plus board. Then refer to the ARC Plus Installation and Operation manual for configuration and operation instructions.

Important! Surge protection on the telephone line is strongly recommended to prevent damage to the ARC Plus system caused by a lightning strike or voltage surge. Burk Technology manufactures the **TS-1 transient voltage surge suppressor**, which protects against repeated surges and requires no maintenance, batteries or external power.

Included in the ESI Plus kit:

- (1) ESI Plus board
- (2) 1½" standoffs
- (4) 6/32 screws

To install the ESI Plus:

1. Power off the ARC Plus and remove the top cover.
2. Locate the rear panel opening marked SET and LINE. Prior to installation of the ESI Plus, a metal plate closes these openings. The plate is secured to the ARC Plus CPU board via two standoffs. Unscrew the metal plate from the standoffs.
3. The ESI Plus will be secured to the two existing standoffs plus the two additional standoffs included in the kit, using the standoff holes on the rear left and right corners of the ESI Plus (on the edge with the RJ-11 connectors), as well as the front center and the front left corner of the ESI Plus (on the edge closest to P1). Install the two standoffs included with the ESI Plus kit on the ARC Plus CPU. Then align the standoff holes on the ESI Plus board with the standoffs on the CPU. When oriented correctly, the ESI Plus RJ-11 jacks will align with the rear panel opening marked SET and LINE. Secure with the included screws.
4. Connect one end of the included 24-pin ribbon connector to J10 on the ARC Plus CPU, and the other end to P1 on the ESI Plus.

ESI Plus Configuration:

The ARC Plus automatically detects the presence of the ESI Plus and enables the appropriate configuration settings in the AutoLoad Plus software. For instructions on configuring the ESI Plus to answer incoming calls, to dial out to report alarms, and to determine which ARC Plus unit(s) use this ESI Plus, please refer to the ARC Plus Installation and Operation Manual. Manuals are available at www.burk.com/support.