PLUS-X ICRU

IP-BASED OUTPUT UNIT FOR ARC PLUS

- 16 relays (8 raise/lower pairs)
- Use relays individually or in raise/ lower pairs.
- Configure relays as momentary or latching.
- Easily expands to 256 channels per ARC Plus

COMMAND CHANNELS FOR THE ARC PLUS GROW WITH YOUR NEEDS

Each Plus-X Integrated Command Relay Unit facilitates the connection of 16 relays to the ARC Plus. Relays can be used individually, or in raise/lower pairs, and can be configured as momentary or latching. Connect up to 32 units to one ARC Plus for 256 channels.

ECONOMICALLY EXPAND REMOTE CONTROL

Add Plus-X Integrated Command Relay Units anywhere IP access is available. Use existing ARC Plus units to monitor and control additional remote sites

.

REDUCE WIRING REQUIREMENTS

By using simple Ethernet connections, the Plus-X Integrated Command Relay Unit reduces the need for costly, complex site wiring.

DISTANCE? NO PROBLEM.

With Ethernet, there is no need to plan installations around distance limitations imposed by legacy connections. Install the Plus-X Integrated Command Relay Unit in another rack, another building or even another location.

FLEXIBLE I/O

The Plus-X line of distributed I/O devices allows ARC Plus users to purchase just what they need for their site without deploying excess capacity. The wide variety of channel configurations and special functions available make it possible to tailor the ARC Plus system to meet the unique requirements of each site, from single transmitter installations to large multi-station facilities. Plus-X devices may be installed close to individual pieces of controlled equipment, eliminating long runs of parallel wiring.

ABOUT BURK TECHNOLOGY

Burk Technology designs and manufactures high quality transmitter facility control systems for the broadcast industry, with thousands of active radio and TV installations across the US and around the world.

Founded in 1985, Burk brings over 30 years of innovation and continuous improvement to transmitter remote control, setting the standards for reliability, flexibility and ease of operation.

OTHER PLUS-X ETHERNET I/O PRODUCTS

Plus-X 300
The Plus-X 300 eight-channel I/O interface adds eight metering or status inputs and eight relay outputs to any ARC Plus remote control system

Plus-X 600
The Plus-X 600 is designed to be a versatile I/O solution, suitable for a wide range of applications. Its 1RU form factor allows maximum functionality in minimal space, with a cost effective combination of channels.

Plus-X IIU
Each Plus-X Integrated Input Unit (Plus-X IIU) connects 16 meter and up to 32 status channels to the ARC Plus. Metering channels can be configured for different voltage ranges, and may optionally be used as status inputs. Connect up to 16 Plus-X Integrated Input Units to one ARC Plus for 256 input channels.

Plus-X AC-8
The Plus-X AC-8 remote outlet controller makes it easy to manage power to 120V equipment at remote locations. Connect the Plus-X AC-8 to PCs, servers and other IT or broadcast equipment, and save wasted drive time when remote gear needs a power cycle.

PlusConnect™
By combining the power of the ARC Plus with the convenience of a direct link to the transmitter, the PlusConnect allows broadcasters to manage the entire transmission plant, studio, and IT infrastructure on a single platform.

Plus-X EM
The Plus-X EM series brings extensive environmental monitoring and control capabilities to the ARC Plus remote control system. Plus-X EM units can be located where needed in transmitter sites and rack rooms with convenient Ethernet / IP connectivity to the ARC Plus control unit.

SPECIFICATIONS

Dimensions:
1.75" (4.45cm) H
19" (48.26cm) W
12" (30.48cm) D

Operating Temperature/Humidity:
0° to 40° C; 5 to 85% RH

Power Requirements:
100 to 240VAC, 47–63 Hz, 1A;
Power entry module with standard,
grounded power cord supplied;
1A fuse protection

Connectivity:
Ethernet connection to ARC Plus

Channel Capacity:
16 relays (individual or up to 8 raise/lower pairs)

Output Types:
C, NO, NC relay outputs;
momentary or latching;
5A, 240VAC

ORDERING INFORMATION

PLUS-X ICRU

DESCRIPTION
Connects 8 raise/lower pairs of command relays to the ARC Plus over the LAN/WAN. Also configurable as 16 individual relays. Uses Form C relays, selectable as momentary or latching. Add up to 32 ICRU's to one ARC Plus for 256 command channels.

BURK TECHNOLOGY

For additional information contact Burk Technology at 978-486-0086x700, email sales@burk.com or visit www.burk.com.