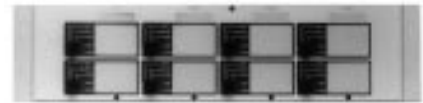# NATIONAL TIME
& SIGNAL CORPORATION

A900-CTRL MIC/TEL

The NATIONAL TIME 900 Series 16 Zone Microphone/Telephone Control module provides 2 position switches to turn on or off any audio output. The switches may be programmed to activate different audio zones for paging control, or to connect firefighter phone zones. Two LEDs for each zone annunciate 'Connect' or 'Trouble' for the respective zone. Protective legend pockets allow for user identification of microphone and telephone zones. It mounts to the A900-CTRL FRAME and is driven by a Main Control module (A900-CTRL MAIN) or a Switch LED Expansion (A900-SW LED EXP).

A900-CTRL AUX8

The NATIONAL TIME 900 Series 8 Zone Auxiliary Control module provides 3 position switches to turn on or off any output, action, time control, sequence etc. Protective legend pockets allow for user identification of switch actions. The A900-CTRL AUX8 mounts to the A900-CTRL FRAME and is driven by a Main Control module (A900-CTRL MAIN) or a Switch LED Expansion module (A900-SW LED EXP). On/Off LEDs for each zone. All LEDs and switches are individually programmable to activate any action or output.

A900-CTRL ANNUN16

The NATIONAL TIME 900 Series 16 Zone Annunciator module provides graphic annunciation of alarm and trouble status of 16 zones. Red alarm LEDs and amber trouble LEDs accomplish zone status at a glance. Protective legend pockets allow for user customization of zone designations. The A900-CTRL ANNUN16 mounts to the A900-CTRL FRAME and is driven by a Main Control module (A900-CTRL MAIN) or a Switch LED Expansion module (A900-SW LED EXP). All LEDs are individually programmable to indicate status of any action or output.

A900-SW LED EXP

The NATIONAL TIME 900 Series Switch/LED Expansion module drives up to four additional A900-CTRL modules when the maximum modules have been driven by the A900-CTRL MAIN module. It mounts with the back plane modules and is connected to up to four A900-CTRL modules by a 50 pin ribbon cable.

A900-MIC/TEL; A900-MIC; A900-TEL

The NATIONAL TIME 900 Series Microphone/Telephone module encloses a paging microphone and firefighter's telephone. A microphone or telephone only enclosure is available by ordering A900-MIC or A900-TEL respectively. The enclosure mounts to the A900-FRAME and consumes 2 slots. Party line telephone and All Call microphone paging is possible with no additional modules. Zone paging and selective handset connection is provided when used in conjunction with the A900-CTRL MIC/TEL module.
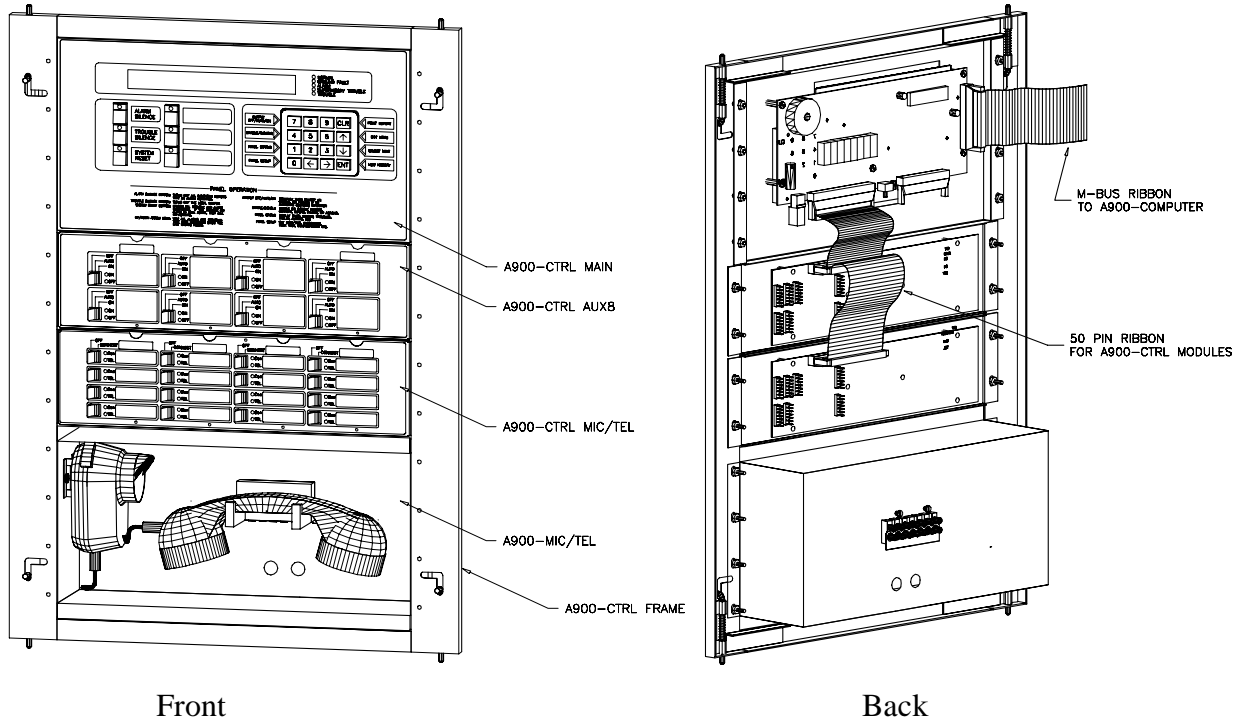
A900-CTRL FRAME

The NATIONAL TIME 900 Series Controls Frame holds up to six user control modules. A900-FRAME includes all neccessary hardware to mount to the A900-BACKBOX. Spring pin hinges allow hinging from either side or removal for ease of back plane wiring.

Sample Installation

Front   Back

A900-CTRL MAIN
A900-CTRL AUX8
A900-CTRL MIC/TEL
A900-MIC/TEL
A900-CTRL FRAME

M-BUS RIBBON TO A900-COMPUTER
50 PIN RIBBON FOR A900-CTRL MODULES

See Sheet F-346 for A900-CTRL MAIN Specifications

Specifications

A900-CTRL MAIN: REQUIRES TWO FRAME SLOTS. SEE SHEET F-346 FOR DETAILS.
A900-CTRL ANNUN16: REQUIRES ONE FRAME SLOT.
A900-CTRL AUX8: REQUIRES ONE FRAME SLOT. ALLOWS NO BACK PLANE MODULES BEHIND.
A900-CTRL MIC/TEL: REQUIRES ONE FRAME SLOT. ALLOWS NO BACK PLANE MODULES BEHIND.
A900-MIC/TEL: REQUIRES TWO FRAME SLOTS. ALLOWS NO BACK PLANE MODULES BEHIND.

Ordering Information

Part No.	Description
A900-CTRL ANNUN16	16 ZONE ALARM/TROUBLE LED ANNUNCIATOR
A900-CTRL AUX8	8 ZONE AUXILIARY CONTROL SWITCH (OFF/AUTO/ON)
A900-CTRL MIC/TEL	16 ZONE AUDIO CONTROL SWITCH (OFF/CONNECT)
A900-CTRL FRAME	6 SLOT FRAME FOR MOUNTING ALL A900-CTRL MODULES
A900-MIC	PAGING MICROPHONE IN ENCLOSURE
A900-MIC/TEL	MICROPHONE AND TELEPHONE IN ENCLOSURE
A900-TEL	FIREFIGHTER'S TELEPHONE IN ENCLOSURE