



MULTIZONE SERIES

PAGING / MIXER

FOR USE WITH THE MULTIZONE AMPLIFIER



PAGING MODE OR "DUCKING" MODE

Global Paging for Emergency Broadcasting to all Zones
 Individual Zone Paging or Ducking of Amplifier
 Selective Paging or Ducking of Amplifiers

MIXING MODE

2 Channel Audio Inputs
 1 Microphone Input

**ALL WIRES ARE DAISY CHAINED
 NO HOME WIRING RUNS ARE USED**

RS 485 ADDRESS SELECTOR



Some of the many Controller Devices using RS 485



The Paging/Mixer is designed to work with our RS 485 Multizone Amplifier and both are Controlled using any Control Device.

Each Controller Port can support up to 31 Multizone Devices. If the Controller has Multiple Ports the number of Multizone Devices increase by 31 per additional Port. For Example: 5 Ports x 31= 155 Devices

WHY RS 485?

The RS 485 is solely used to provide the units with the Control Commands put out by the Controller Unit
 RS 485 Overcomes the length limitation of RS 232. Since most Controllers support RS485 except for example, the Crestron QM-RMC, this limitation is overcome by using an external RS 232-RS485 Converter Plug. A typical Unit such as the Moxa is one that is readily available.



PAGING MODES-ALSO KNOWN AS "DUCKING"

EMERGENCY PAGING WITH AUTOMATIC OVER-RIDE

Regardless of what each Zone is doing at the time of an Emergency Page, The Global Paging Command from the Central Location Automatically Overrides any Zone, Ducking ALL Amplifiers allowing the Entire System to receive the Emergency Page.

INDIVIDUAL OR SELECTIVE PAGING OR DUCKING.

The User also has the ability to Select which Zones should be paged by Ducking any Amplifier associated with that Zone.

THE AUDIO SIGNAL

The Audio Signal is "Daisy Chained" from Audio Connector to Audio Connector, so all units can receive any Microphone page, including Global Over-ride which Ducks all units in the event of an Emergency Page regardless of what any unit is doing.

MIXING MODE

Controllers are programmed to allow the User to toggle between Paging and Mixer Modes. The Mixer Mode allows the Microphone Input to be mixed with various Audio Sources connected to the Unit.

USING AN AMPLIFIER ONLY

In certain Applications or Zones, Paging may not be a requirement, therefore the Paging Unit can be eliminated, so that Amplifiers can be used on their own.

EASY LOW INSTALLATION COSTS

By eliminating the necessity to Home Run the Wiring from each zone, differentiates this product from the rest, resulting in substantially lower Installation costs.

Part #	Description	List Price
NB-485PM	Multizone Paging Mixer with RS 485 Control	\$449.95
NB-12DCP	DC Power Supply for Paging Mixer	\$ 39.95

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