

PA 100 MX

RS 485 COMMANDS

PINOUT BASE RJ45

T568B		
PIN 1	White/Orange	GND
PIN 2	Orange	GND
PIN 3	White/Green	DATA +
PIN 4	Blue	NF
PIN 5	White/Blue	NF
PIN 6	Green	DATA -
PIN 7	White/Brown	NF
PIN 8	Brown	NF

PORT CONFIGURATIO

BaudRate	38400
Parity	None
Data Size	8

OPEN PORT

	DATA HEAD	PARITY bit	Channel Number	ID Number	Empty	Parameter Range	Empty	Empty	Empty	Data Tail
Start communication	FE	AA	AA	AA	AA	55	55	55	55	FF

NOTE 1-

Before controlling the device, it is necessary to open the communication port sending this command

VOLUME ADJUSTMENT

	DATA HEAD	PARITY bit	Channel Number	ID Number	Empty	Parameter Range	Empty	Empty	Empty	Data Tail
To adjust the channel volume	FE	0D	CH (01 or 02)	01	00	VL (00 to 76)	00	00	00	FF

To adjust the volume to max in channel 1 FE 0D 01 01 00 76 00 00 00 FF

To adjust the volume to min in channel 2 FE 0D 02 01 00 00 00 00 00 FF

LOW LEVEL

	DATA HEAD	PARITY bit	Channel Number	ID Number	Empty	Parameter Range	Empty	Empty	Empty	Data Tail
To adjust the channel volume	FE	0D	CH (01 or 02)	05	00	VL (00 to 19)	00	00	00	FF

To adjust the low to max in channel 1 FE 0D 01 05 00 19 00 00 00 FF

HIGH LEVEL

	DATA HEAD	PARITY bit	Channel Number	ID Number	Empty	Parameter Range	Empty	Empty	Empty	Data Tail
To adjust the channel volume	FE	0D	CH (01 or 02)	06	00	VL (00 to 19)	00	00	00	FF

To adjust the high to max in channel 2 FE 0D 02 06 00 19 00 00 00 FF

AUTOGAIN

	DATA HEAD	PARITY bit	Channel Number	ID Number	Empty	Parameter Range	Empty	Empty	Empty	Data Tail
To adjust the channel volume	FE	0D	CH (01 or 02)	07	00	00 to 03	00	00	00	FF

Disable the autogain in channel 2 FE 0D 02 07 00 00 00 00 00 FF

Adjust the autogain in channel 2 to 2nd preset FE 0D 02 07 00 02 00 00 00 FF

Adjust the autogain in channel 1 to 3rd preset FE 0D 01 07 00 03 00 00 00 FF

FEEDBACK

	DATA HEAD	PARITY bit	Channel Number	ID Number	Empty	Parameter Range	Empty	Empty	Empty	Data Tail
To adjust the channel volume	FE	0D	CH (01 or 02)	08	00	00 to 03	00	00	00	FF

Disable the feedback in channel 2 FE 0D 02 08 00 00 00 00 00 FF

Adjust the feedback in channel 2 to +10 dB FE 0D 02 08 00 02 00 00 00 FF

Adjust the autogain in channel 1 to + 15 dB FE 0D 01 08 00 03 00 00 00 FF