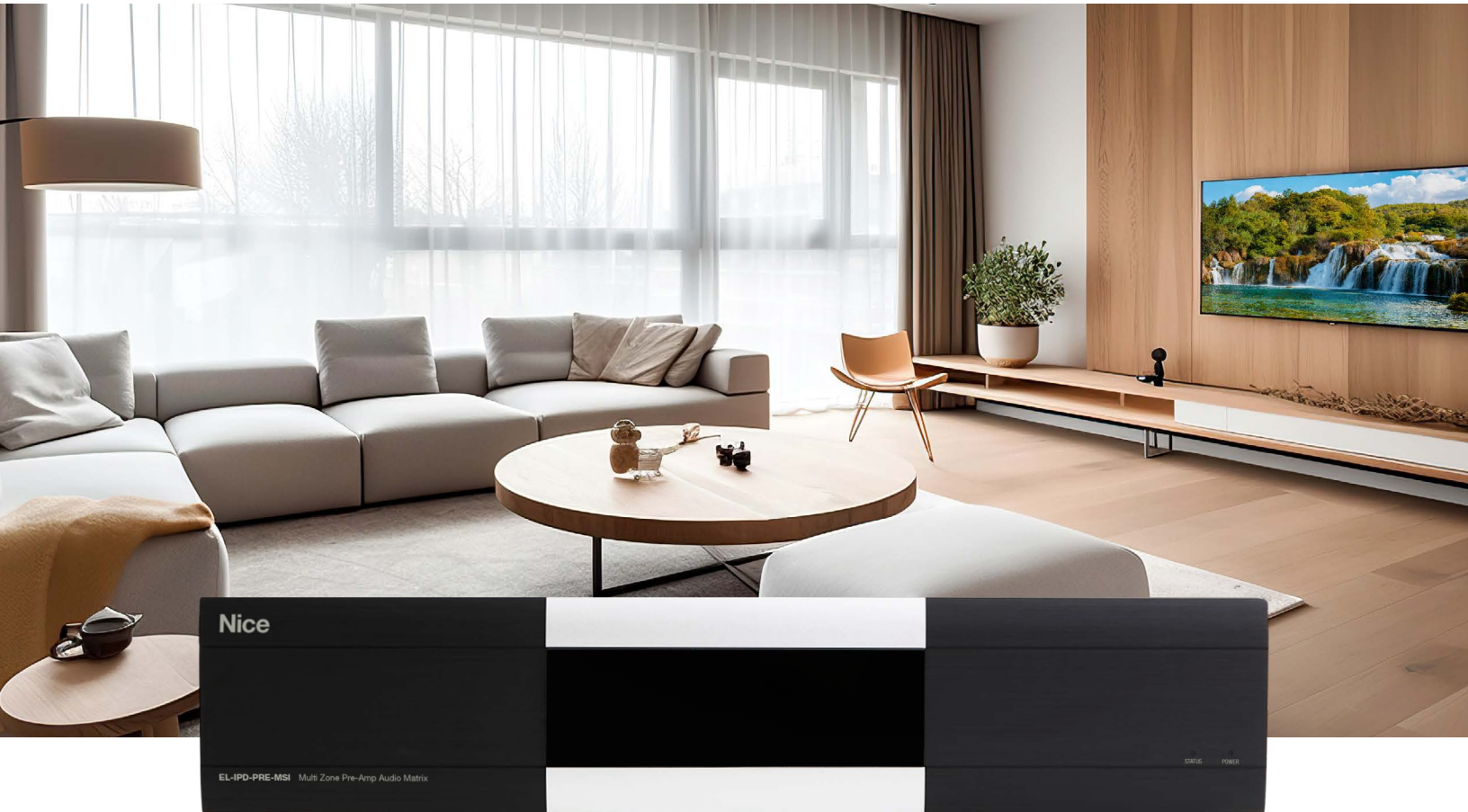




# EL-IPD-PRE-MSI

## Multi Zone Preamp Audio Matrix



## Multi Zone Pre-amp Audio Matrix can be stand-alone configuration

The Nice EL-IPD-PRE-MSI Multi Zone PREAMP Audio Matrix can be used in a stand-alone configuration with standard amplifiers or AVRs or with another amplifiers and pre-amps within the Nice IP audio distribution family of products by adding the optional Dante® Audio Networking Card.

In stand alone mode when paired with external amplifiers will support up to 22 input sources (6 digital, 16 mono/ 8 stereo analog RCA and 1 stereo 3.5mm typically used as the doorbell input from an Nice System Controller).

Nice IP enabled audio distribution simplifies whole house audio distribution and enhances the intelligent home by delivering high quality audio over the existing network. Easily scaling from a single chassis solution to a decentralized multi-chassis / multi-source implementation. Nice IP audio distribution meets the needs for projects of up to 64 individual zones.

# EL-IPD-PRE-MSI Multi Zone Preamp Audio Matrix



**LAN Network**  
1 RJ45 Jack

**Coax In, Optical In / 2 Digital Audio Inputs**  
3 Optical TOSLINK Inputs  
3 Coax RCA Inputs

**12VDC Trigger Out / Trigger Outputs**  
3.5mm Mono

**Analog In / Line Level Audio Input**  
8 Stereo / 16 Mono Analog RCA Inputs  
Configurable to Left, Right, or Mono

**Analog Out / 7 Preamp Outputs**  
6 Stereo / 12 Mono Analog RCA Preamp Outputs  
Configurable to Left, Right, or Sub-woofer

**Doorbell In / 4 Doorbell Audio Input**  
3.55mm Stereo Input

**Power**  
AC 100-120 / 220-240V~  
50/60Hz, 1000W

## Features

- 6 Stereo or 12 Mono Pre-amp Zones
- Adds Nice Zone Control to any amplifier
- With the Optional Network Audio Card, add Dante audio networking

- DSP with 5-Band EQ for Each Zone
- Lip Sync Correction

## Specifications

Digital Audio Inputs	3 Optical TOSLINK Inputs 3 Coaxial RCA Inputs Stereo, PMC, 96kHz, 24-bit
Line Level Audio Inputs	8 Stereo / 16 Mono Analog RCA Inputs Configurable to Left, Right or Mono
Maximum input level	2.0 VRMS
Input sensitivity	0dBV (10 VRMS)
Input Impedance	47kΩ - 49kΩ
Line Level Audio Outputs	6 Stereo / 12 Mono Analog RCA Pre-amps Outputs Configurable to Left, Right, Mono, or Sub-woofer fixed or variable line level output
Fixed	0dB fixed gain
Variable	-50 to +0dB at 0.5dB per step Unbalanced
Output impedance	470Ω
Lip Sync Delay	Individual Lip sync delay for each speaker and Preamp Zone
Delay Time	0 – 400ms
Adjustable	10ms increments

Tone Control	Individual Tone control for each speaker and Preamp Zone Five-band equalizer Loudness on/off High/Low pass Adjustable Crossover Points
Trigger Outputs	3.5mm Mono Zone Trigger / System Trigger Outputs
Pinout	Tip = signal, Sleeve = ground
Output	+12Vdc, 100mA current limit
Network	1 RJ45 Jack 100/1000 Ethernet DHCP Enabled by Default
Power	AC 100-120 / 220-240 V~ 50/60Hz, 1000W
Operating Temperature	+5°C ±45°C (+41°F ± 113°F)
Operating Humidity	0 – 90% non-condensing
Storage Temperature	0°C ± 60°C (32°F ± 140F)
Dimensions	17D x 17W x 4H (in) 431.8D x 431.8W x 101.6H (mm) (with feet)
Weight	15.55 lbs / 7.05 Kg