# Digital Amplified Music

Music Player connects to an Embedded Server via a single network cable - creating a unique audio streaming device.

Stack them in a rack or spread them around to distribute audio to multiple music zones.

Connect via toslink optical digital to a home theatre receiver or to unpowered speakers for background music applications.

## Product Highlights

- CD Quality WAV or MP3 up to 320k/Bit audio streamer

- Outputs 2x 20w/ch nominal at 8 ohm and/or S/PDIF optical digital audio from the Automation Network

- Connect up to seven Music Players simultaneously to the Automation Network

- Control from any Embedded Interface, compatible remote control, keypad or light switch

- Assign room or source name to each Music Player

- Connects to Embedded Server via Ethernet

- Provides a remote bi-directional RS232 port on the Automation Network

## Features and Benefits

Connect speakers directly to the Music Player Digital Amplifier for playback in background music applications

Play high quality digital audio streams into an outboard digital decoder such as an A/V receiver via optical digital

Music Player allows the user to listen to their MP3 collection through multi-room audio systems, stereo systems, home theatre systems or powered speakers

Music Player assigns itself a standard IP address and announces it over the line output or through headphone socket

Set a static IP address and configure Embedded Server to tie a unique name, be it a source or room name to the Music Player and view it within the music tab of the Embedded Interface

Implement room based control via a lighting control switch or remote control via External Control Module

Each Music Player acts as a distinct source - play different tracks simultaneously to multiple Music Players across the Automation Network

Requires only 1x network cable wired back to a router/modem with connection to Embedded Server
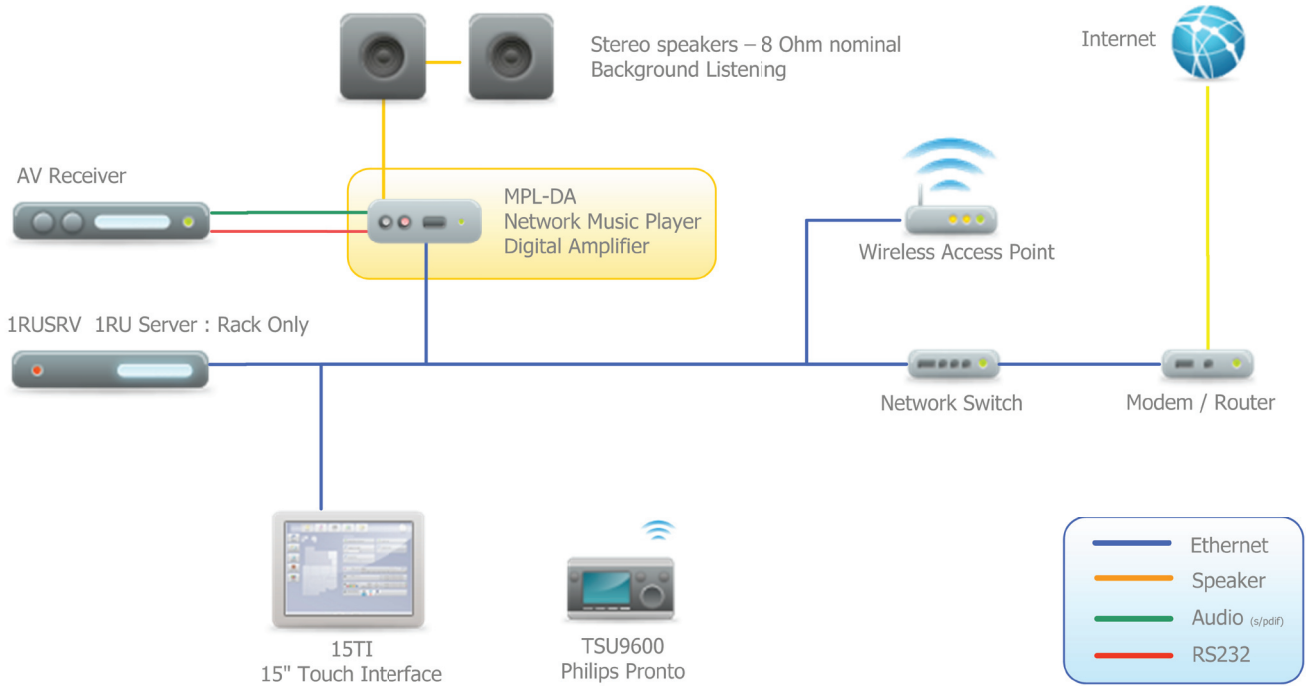
## Modules and Drivers
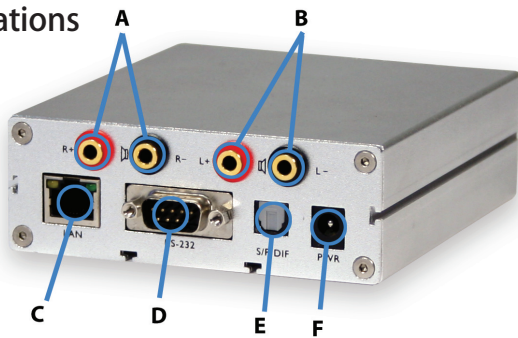
Included:

1x  Network Music Player (DRV-MPL)


Requires:

1x Music Library Module (MOD-MUSIC)

Stereo speakers – 8 Ohm nominal
Background Listening

Internet

AV Receiver

MPL-DA
Network Music Player
Digital Amplifier

Wireless Access Point

1RUSRV  1RU Server : Rack Only

Network Switch

Modem / Router

15TI
15" Touch Interface

TSU9600
Philips Pronto

—— Ethernet
—— Speaker
—— Audio (s/pdif)
—— RS232

# Specifications

**A**   **B**

R+   R-  L+   L-

LAN   RS-232   S/PDIF   PWR

**C**   **D**   **E**   **F**

BAR IX

RESET   EXT   STATUS

**1**   **2**   **3**   **4**

- A/B = Stereo speaker connectors @ 2x 20W RMS (8 ohm, 4 ohm @60% max volume)
- C = 10/100 Mbit Network RJ45 port
- D = RS232 port (issue commands from Embedded Server) 9600 baud max
- E = S/PDIF Toslink Optical
- F = 12VDC power socket

- 1 = Reset power (short press) or settings (long press)
- 2 = USB programming port
- 3 = Status
- Green = connected
- Flashing green = streaming audio
- Red = not connected
- 4 = 3.5mm Headphone Socket 2Vpp max

### General:

Audio Format:  MP3 up to 320 kBit fixed and variable bit rates; G.711(uLaw/aLaw @ 8 or 24 kHz) and PCM (16bit @ 8^or 24 kHz)

Connects to Embedded Server via Ethernet

Assign unique name to each Music Player through the Switch Builder

Unique name automatically displays within music library of Embedded Interface when connected

One-off browser based configuration (integrated web)

Output level, bass and treble adjustable by browser

Embedded Interface controls output volume

### Environmental and Mechanical:

Material: Aluminium

Weight: 480g

Temperature range: 0 ~ 40 degrees C

Dimensions (WxDxH) mm: 165 x 38 x 127

### Power Consumption:

20 VDC 3A

External power supply included