# DMS - 1200

# DMZ-1200 Owners Manual

## Digital Multi Zone Music Amplifier







**Control the Experience.**

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# Congratulations!

You've purchased the finest music distribution system available today. The DMZ-1200 is a native to the network, CD quality digital music distribution system with a range of keypads and remote controls that not only fully control your music but control of all your other audio video components.

The DMZ-1200 in many ways is the heart of your system, both distributing music to your speakers  and distributing streams of music from your analog sources to other DMZ amplifiers in the system. This makes your system scalable, and easy to add additional rooms at any time in the future. All you need is a DMZ amplifier connected to the network to make any room a new DMZ music room.

Along with the DMZ-1200, your system will include a Master System Controller like the MRX-10 (the brain of the system) and as many digital music gateways as you have users via the unique URC SNP-1 Streaming Network Player.

Each player provides one user with access to all of their music and all of their preferences and favorites. Each SNP-1 accesses what's stored on the network and what is available through the internet via Pandora, Rhapsody, XM, Sirius and Internet Radio. SNP-1s don't have to be installed in the room where the DMZ resides. That way you can take advantage of the TV display of cover art, album name, artist names and song title in rooms with TVs, by having your installer connect to one of your TVs in the system.

The DMZ-1200 is designed for professional installation only. He or she will help you select the right user interface for every room of your installation. You'll have a choice of in the wall keypads like the KP-4000 and KP-100 or remote controls like the MX-780, MX-6000 or MX-5000. If you have questions, call our customer service center at:

1-914-835-4484

or email us at:

techsupport@universalremote.com

## Front Panel Features

### Shelf or Rack Mountable Chassis
Rack mounting ears are included with the DMZ-1200. If rack mounted, it requires 3U in your rack.

### Removable Feet for Rack Mounting
If rack mounted, the feet are simply unscrewed.

### Power and LAN LEDs
LEDs indicate that the DMZ-1200 is connected to power and connected to the local area network.

please check allow mark all.

### Automatic Power Off
The DMZ-1200 is powered off and in an automatic standby state when no zones are active.

### Reset Button
The front panel reset button offers the end user a quick way to reconnect the DMZ-1200 to the local area network.

## System Features

### Pristine Audio Quality

Unlike other digital music systems, the DMZ system streams all music uncompressed at pure CD quality levels. You enjoy all the detail of your original source.

### Room Linking

Any room can be linked with any other room to listen to the same source. This makes it easy for you to entertain, by simply linking all the rooms your guests will be in and controlling the music from any remote or keypad.

### Reliability

The DMZ-1200 is engineered first and foremost for reliability. It offers extensive internal protection against failure and is manufactured in our ISO 9000 certified factory with the utmost attention to quality control at every stage of manufacturing, from parts procurement to final assembly.

## Rear Panel Features

**110V or 220V Power Connection**
The IEC power socket enables either UL/CSA approved 110V power cords or CE approved 220v power cables to be used with the DMZ-1200. The internal power supply automatically switches when connected to either 110V or 220V.

**Automatic Fan for Cooling**
A whisper quiet fan automatically engages to keep the internal temperature optimim for long life and reliable operation.

**Network Connection**
A 10/100 LAN connection ensures that the DMZ-1200 will receive all network streams from other DMZ or SNP sources.

**Six Powered Zones**
The DMZ-1200s internal amplifiers will power six pairs of 8 ohm speakers with 50 watts per speaker. Each pair of speakers can listen to any DMZ source.

### Two Preamp Zones

The two preamp zones enable external power amplifiers to be used for rooms with a need for more or less power than 50 watts per channel. External amplifiers equipped with 12V triggers are ideal, since they will automatically switched on when the zone is in use, and switched off when the zone is off.

### 4 Audio Inputs Create DMZ Streams

Up to four analog audio sources can be connected to the DMZ-1200. Each is simultaneously available as a DMZ stream on the network, not just to the DMZ they are connected to, but all other DMZ amplifiers on the same network.

### IR In for 1-Way RF Remotes and Base Stations

When connected to a URC RF base station, a one way URC remote control can be programmed to control any or all zones.

# Important Safety Instructions

**CAUTION**
**RISK OF ELECTRIC SHOCK**
**DO NOT OPEN**

**CAUTION:**
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING:**
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

**CAUTION:**
To completely disconnect this product from the mains, disconnect the plug from the wall socket outlet.
The mains plug is used to completely interrupt the power supply to the unit and must be within easy access by the user.

" This unit shall be connected to a mains outlet with a protective earthing connection or equibalant"

**This paragraph should be add in the user`s manual because when they are factory inspection this paragraph is UL control term.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings.
   Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.

## CAUTION:

- The ventilation should not be impeded by covering the ventilation openings with items, such as newspapers, tablecloths, curtains, etc.
- No naked flame sources, such as lighted candles, should be placed on the unit.
- Observe and follow local regulations regarding battery disposal.
- Do not expose the unit to dripping or splashing fluids.
- Do not place objects filled with liquids, such as vases, on the unit.

# Information To The User

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

- ® Reorient or relocate the receiving antenna.
- ® Increase the separation between the equipment and receiver.
- ® Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ® Consult the dealer or an experienced radio/TV technician for help.

**Warning**

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.
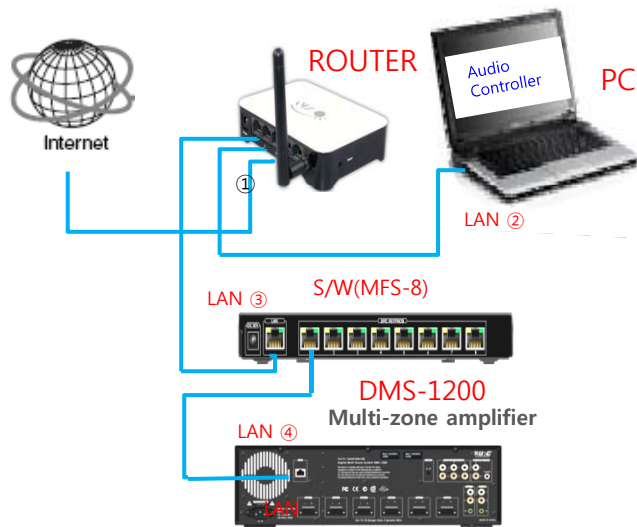
# USA Limited Warranty Statement

Your Digital Multi Zone Music system, when installed for you in new condition, is warranted against defects in materials or workmanship as follows: UNIVERSAL REMOTE CONTROL, INC. warrants this product against defects in material or workmanship for a period of one (1) year and as set forth below. Universal Remote Control will, at its sole option, repair the product using new or comparable rebuilt parts, or exchange the product for a comparable new or rebuilt product. In the event of a defect, these are your exclusive remedies.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty.

To obtain warranty service, you must deliver the product, freight prepaid, in its original packaging or packaging affording adequate protection to Universal Remote Control at the address provided in the Owner's Manual. It is your responsibility to backup any macro programming, artwork, software or other materials that may have been programmed into your unit. It is likely that such data, software, or other materials will be lost during service and Universal Remote Control will not be responsible for any such damage or loss. A dated purchase receipt, Bill of Sale, Installation Contract or other verifiable Proof of Purchase  is required. For product support and other important information visit Universal Remote Control's website: http://www.UniversalRemoteControl.com or call the Universal Remote Control Customer Service Center (914) 835-4484.

This Limited Warranty only covers product issues caused

by defects in material or workmanship during ordinary consumer use. It does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, third-party installation, misuse, limitations of technology, or modification of or to any part of the Universal Remote Control product. This Limited Warranty does not cover Universal Remote Control products sold as USED, AS IS, REFURBISHED, so-called "B STOCK"  or consumables (such as batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States of America. This Limited Warranty specifically excludes products sold by unauthorized resellers.
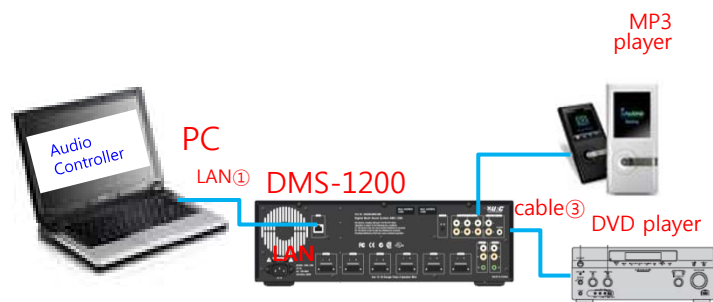
## System configuration for External LAN network

One DMS component must connect to your broadband router using a standard Ethernet cable(supplied). Follow the steps below to connect a DMS-1200. if you plan to connect to an external amplifier or to powered speakers, you can connect a zone amplifier DMS-100 instead.

Connect an Ethernet cable from any of the Ethernet switch connectors on the back of your zone amplifier to open port on your router.

●Do not connect the zone amplifier directly to your cable or DSL modem has a built-in router.

●If you don`t have a router, go to http://www.universalremote.com for instructions.

① Connect Ethernet cable to LAN jack on the back panel of the ROUTER unit.
② Connect computer cable to distribution jack on the back panel of the ROUTER unit.
③ Connect switcher cable to another distribution jack on the back panel of the ROUTER unit.
④ Connect multi-zone amplifier cable to another distribution jack on the back panel of the ROUTER unit.

## System configuration for Internal LAN network

One DMS component must connect to your broadband router using a standard Ethernet cable(supplied). Follow the steps below to connect a DMS-1200. if you plan to connect to an external amplifier or to powered speakers, you can connect a zone amplifier DMS-100 instead.

Connect an Ethernet cable from the Ethernet connectors on the back of your DMS-1200 multi-zone amplifier to open port on your computer.

① Connect Ethernet cable to LAN jack on the back panel of the DMS-1200 and Connect LAN cable to the COMPUTER unit.
② Connect EXTernal cable to signal source jack on the back panel of the audio equipment or player unit and connect multi-zone amplifier cable to another audio equipment or DVD player.
③ From computer you can control or adjust for audio control program
   ▪ Select audio INPUT source and OUTPUT zone, MAC address etc. this function can be select input source channel and INPUT gain level and data send to audio equipment.
   ▪ After choice output zone you can adjust zone limit power rate and zone power ON/OFF and source signal INPUT channel.
   ▪ You can adjust amplifier volume level per each zone for proper sound output and Maximum limitation volume level.
   ▪ You can set turn on ramp up volume level and adjust Equalizer repetory and LVLC(LowVolumeLoudnessControl) effectiveness and custom Equalizer align.
④ Also factory reset initialize and MAC address pick it up from AP(access point) and source program up and down load.

## Specifications

### ☐ Audio section

| | |
|---|---|
| Rated Wattage per Channel | 50W+50W(8ohms, 20Hz~20KHz with 0.1% T.H.D 140W+140W(8ohms, 1KHz with 10% T.H.D |
| Frequency Response | 20Hz~20KHz +/-1.0dB at 8ohms 20Hz~20KHz +/-3.0dB at 4ohms |
| Signal to Noise Ratio | 85+/- 5dB |
| Total Harmonic Distortion | <0.06%, 20Hz~20KHz |
| Output connectors | 8ohms, 4ohms stable |
| Input sensitivity | 600~2200mVp-p/10Kohm |
| Network Connectivity | 10/100 BaseT Ethernet |
| Tone Controls | Bass, Treble, 5-Band parametric EQ, LVLC(low volume level control) |
| Full Matrix Switching for Audio streaming | Yes |
| Number of Analogue Input sources | 4 |
| Number of Digital Input Sources (S/PDIF) | 1 |
| Speaker Output Zones | 6 |
| Line level Output Zones | 2 (2.2Vp-p Variable output, 2.0Vp-p fixed output level) |
| Independent Gain Control per Zone | Yes |
| Accessories | AC cord, RCA cable, User`s manual |

### ☐Environmental

| | |
|---|---|
| Operational Temperature | 32°F ~104°F (0℃- 40℃) |
| Humidity | 5%- 95% (Non Condensing) |
| Storage Temperature | -4°F ~158°F (-20℃- 60℃) |

### ☐General

| | |
|---|---|
| Power supply | AC 100-240V, 50/60Hz |
| Power consumption | 7A maximum |
| Maximum external Dimensions | 5.25 1/32" x 17 1/18" x 16 1/1.87" |
| H x W x D | 133mm x 432mm x 420mm |
| Weight | 27lbs (12.1kg) |

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