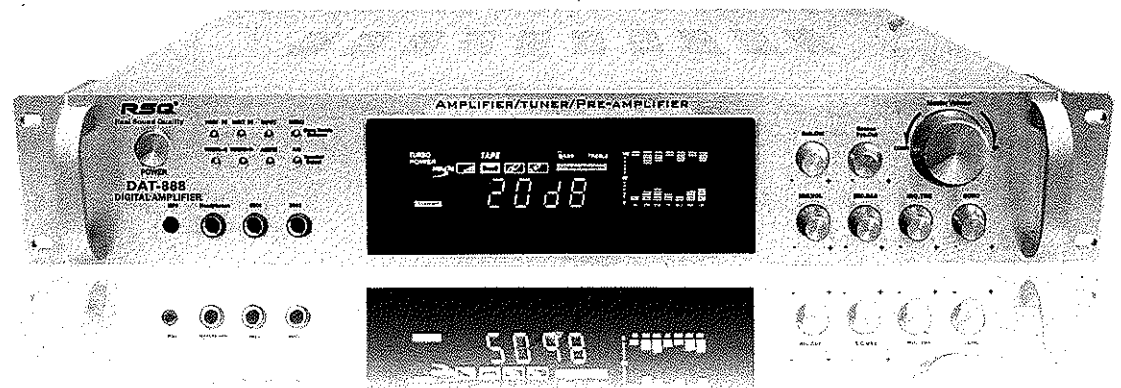


# MEDIASYNC CORPORATION

[www.rsqaudio.com](http://www.rsqaudio.com)

## OPERATING MANUAL

**Digital Amplifier / Tuner / Pre-Amp  
with Built in Cross Over & i Pod Input**



## Foreword

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Congratulations on purchasing Mediasync Corp Digital amplifier. Please take the time to read the following instructions prior to use to ensure that you get the best possible performance from your amplifier.

## Features

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- Four Channel Output.
- Separate gain control for both pre-amp and subwoofer.
- Function display fluorescent window.
- AM/FM stereo radio function, with both manual and automatic tuning.
- Digital Karaoke system.
- Over heat, over current and mid-voltage full auto protection.
- Low Tim: Liner Drive DC amplifier.
- MP3 input-designed to work with iPod™ & other MP3 Players.

## Precautions

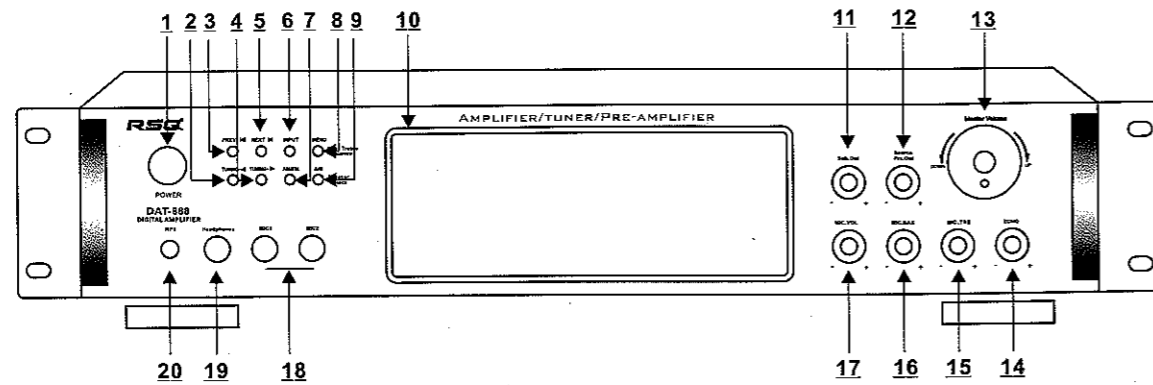
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1. Power source-The unit should be connected to a power supply AC-110/60Hz, AC-220V/50Hz.
2. Ventilation-The unit should be situated so that its location or position does not interfere with its proper ventilation. Place the unit at least 10cm away from all walls.
3. Water and moisture-The unit should not be used near water-for example, near a swimming pool or in a wet basement, etc.
4. Electric shock-if a metal object, such as hairpin or needle comes into contact inside this unit, a dangerous electric shock may result. For families with children, never permit children to put anything, especially metal, inside this unit.
5. Enclosure removal-Never remove the enclosure. If the internal parts are touched accidentally, a serious electric shock might occur.
6. Abnormal smell-if an abnormal smell or smoke is detected, immediately turn the power OFF and pull out the power cord. Contact your dealer or nearest service station.

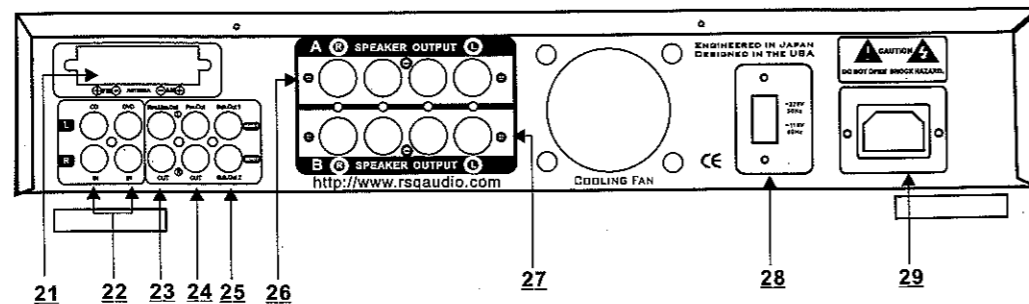
## Technical Specifications

<b>Model Number</b>	DAT-888
<b>Main Channel Power Output</b>	600Watts @ 4 ohms 400Watts @ 8 ohms
<b>Normal Load Impedance</b>	8 Ohm
<b>Input Sensitivity Impedance</b>	
CD/DVD	400mV/33k Ohm
Microphone	6mV/600 Ohm
<b>Signal to Noise Ratio</b>	
Pure Amplifier	80dB
Karaoke	70dB
<b>Frequency Range</b>	
Frequency Response(40Hz-15KHz)	± 2dB
<b>Tone Characteristic(100Hz-10KHz)</b>	±14dB
<b>Power Requirements</b>	AC110V/60Hz AC220V50Hz
<b>Dimensions</b>	19"(w) x 13"(d) x 3.5"(h)
<b>Weight</b>	20 lbs

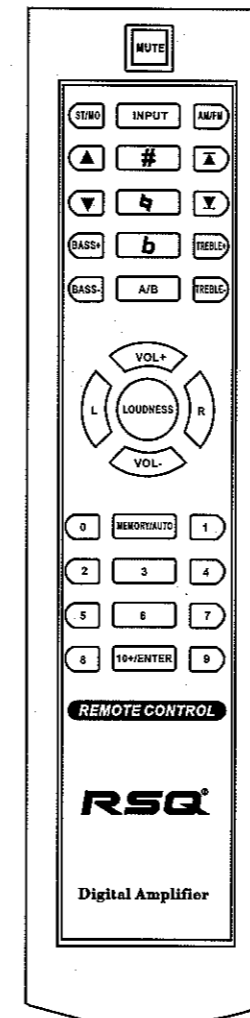
**Specifications subject to change without prior notice**



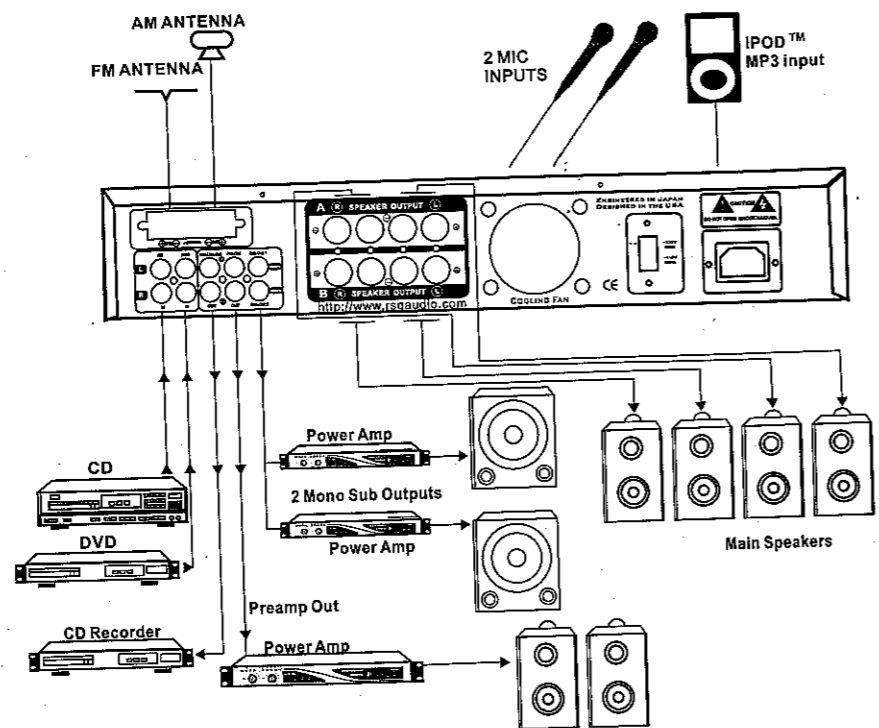
- (1) **POWER SWITCH**  
Press to switch the power unit ON or OFF.
- (2) **TUNING-**  
Radio tuning button. Decreases the radio frequency.
- (3) **PREV ◀**  
Backwards radio tuning button. Press this button to decrease the radio frequency. Hold this button down for several seconds and then press again to backward search previously stored radio stations.
- (4) **TUNING+**  
Radio tuning button. Increases the radio frequency.
- (5) **NEXT ▶**  
Forwards radio tuning button. Press this button to increase the radio frequency. Hold this button down for several seconds and then press again to forward search previously stored radio stations.
- (6) **INPUT SELECTOR**  
Press this button select the proper input source (tuner, MP3, DVD, CD ).
- (7) **AM/FM**  
AM/FM selector button. Press this button to switch between AM and FM bands. Hold this button down for several seconds to switch between US and European search procedures.
- (8) **MENU CONTROL**  
Press this button to select between master volume, bass, treble, and balance. Once you have selected the proper function use the volume knob to adjust the specific volume.
- (9) **A/B SPEAKERS OUTPUT SELECTOR**
- (10) **FUNCTION DISPLAYED FLUORESCENT WINDOW**
- (11) **SUB. OUT VOLUME CONTROL**
- (12) **SOURCE PRE. OUT VOLUME CONTROL**
- (13) **MASTER VOLUME CONTROL**  
Adjusts the volume level. Turn the knob. Clockwise to increase the volume.
- (14) **MIC ECHO CONTROL**  
Turn the knob to adjust the MIC ECHO CONTROL.
- (15) **MIC TREBLE**  
Adjusts the treble of microphone.
- (16) **MIC BASS**  
Adjusts the bass of microphone.
- (17) **MIC VOLUME**  
Adjusts the volume level. Turn the knob clockwise to increase the microphone volume.
- (18) **MICROPHONE INPUT JACKS 1&2**  
Karaoke microphones connect to these jacks.
- (19) **HEADPHONE JACKS**  
Headphones connect to this jack.
- (20) **MP3 JACKS**  
MP3 connects to this jack.



- (21) **TUNER ANTENNA**  
Connect for AM and FM antennas.
- (22) **AUDIO INPUT JACKS**  
Connect the audio output jacks of CD/DVD to these jacks.
- (23) **REC.LINE OUTPUT JACKS**  
Connect the RECORD input jacks to these jacks.
- (24) **PRE OUTPUT JACKS**  
Connect the pre-amplifier input jacks to these jacks.
- (25) **SUB-WOOFER OUTPUT JACKS 1&2**
- (26) **A SPEAKER OUTPUT TERMINALS**  
Connect your speaker system to these terminals.
- (27) **B SPEAKER OUTPUT TERMINALS**  
Connect your the other speaker system(s) to these terminals.
- (28) **110V/220V SWITCH**  
According to power voltage ,push this button to the station of the 110V or 220V.
- (29) **POWER CORD**  
Connect to AC 110V/60Hz&220V/50Hz outlet.



- **MUTE**
- **INPUT SELECTOR**  
Selects the audio source of the TUNER, MP3, C D and the DVD.
- **ST/MONO**  
Switched speaker output between stereo and mono.
- **AM/FM BUTTON**  
Switches between AM and FM tuning.
- **TUNING-◀ TUNING+▶**  
Press the button to adjust the radio frequency.
- **KEY CONTROL # (Raise), \* (Neutral), b(Lower)**  
#: Raises the key, \*: Return to original key tone, b: Lowers the key.
- **PREV ◀ NEXT ▶**  
The function is same as the PREV ◀ of the panel. The function is same as the NEXT ▶ of the panel.
- **BASS CONTROL**  
Press the button of BASS+ or BASS- to adjust the volume of bass.
- **TREBLE CONTROL**  
Press the button of TREBLE+ or TREBLE- to adjust the volume of treble.
- **A/B SPEAKERS OUTPUT**
- **VOLUME CONTROL**  
Press the button of VOL+ or VOL- to adjust the volume level.
- **LOUDNESS**  
Press the button to correct an unbalance program source.
- **BALANCE ADJUST**  
Press the button of L or R to correct an unbalance program source.
- **MEMORY/AUTO**
  - After a station has been found (auto-search or manual-search), you can store the station by pressing the MEMORY button, and the screen will display SAVE, then press the number button which you want to select. If the number is over 9 (from 10 to 49), press the button 10+ before pressing the station number.
  - Press this button for some seconds, automatically finds all radio stations and plays each one for less than two seconds, and also stored the station by the sequence. After all stations are stored, the tuner returns to the first stored station.
- **0-9 BUTTONS**  
Selects a stored station directly.
- **10+ /ENTER BUTTONS**
  - Decimal of number button. If the number is over 9, press the button 10+ before pressing the station number.
  - The screen displays "----" if press the button for some seconds, then press the 0-9 number buttons to select which radio frequency you want.



### SAFETY INSTRUCTIONS

1. Make sure that all connections are properly connected and the main volume is set to minimum level before turning on the unit.
2. When more than one pair of speakers are used, (specially the main speaker output) make sure that the speakers used are of the same wattage and impedance, otherwise the unit may be damaged under high power or long term operation.
3. To avoid humming sounds and unwanted noise, make sure that all the wires are properly inserted.
4. For speaker cords, strip off the vinyl coating and twist the wire tip. Push down the pink jack or loosen the screw terminal, before inserting the wire tip, then fasten it and tighten the screw. Be careful not to let the wires stick out of the terminal otherwise this may cause a short circuit when wires of different terminal contact each other.
5. After the unit is turned on, adjust the main volume to the desired level same is true with the bass and treble volume, etc.

