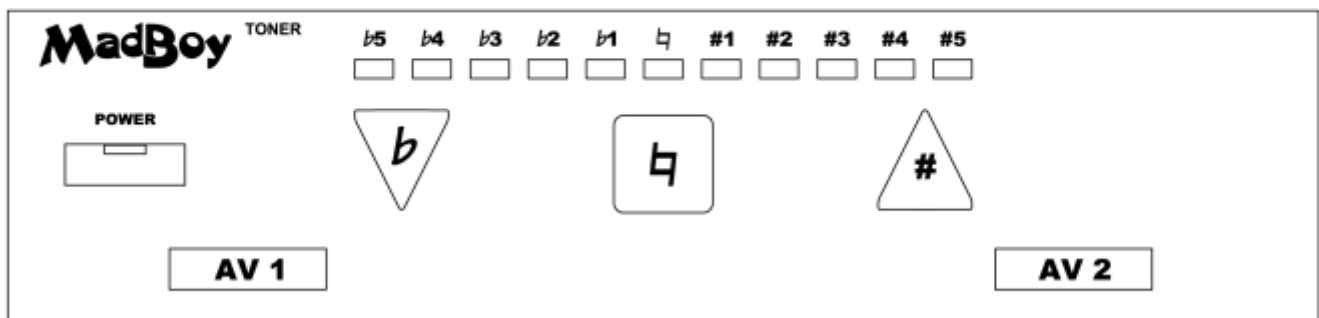


MadBoy®

TONER DIGITAL KEY CONTROL



OWNER'S MANUAL

Safety Instructions



CAUTION



RISK OF SHOCK

CAUTION: To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Only refer servicing to qualified service personnel.

Explanation of Graphical Symbols



The lightning flash & arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of danger.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and servicing instructions.

WARNING

To reduce the risk of fire or electric shock, do not expose this unit to rain or moisture.

1. Read Instructions - All the safety and operating instructions should be read before the appliance is operated.

2. Retain Instructions - The safety and operating instructions should be retained for future reference.

3. Heed Warnings - All warnings on the appliance and in the operating instructions should be adhered to.

4. Follow Instructions - All operating and use instructions should be followed.

5. Attachments - Do not use attachments not recommended by the product manufacturer as they may cause hazards.

6. Water and Moisture - Do not use this unit near water. For example, near a bathtub or in a wet basement and the like.

7. Carts and Stands - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

7 A. An appliance and cart combination should be removed with care. Quick stops, excessive force, and uneven surfaces may cause an overturn.

8. Ventilation - The appliance should be situated so its location does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation slots.

9. Heat - the appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

10. Power Sources - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

11. Grounding or Polarization - Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

12. Power-cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

13. Cleaning - Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

14. Power lines - An outdoor antenna should be located away from power lines.

15. Nonuse Periods - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

16. Object and Liquid Entry - Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

17. Damage Requiring Service - The appliance should be serviced by qualified service personnel when:

- A. The power supply cord or plug has been damaged; or
- B. Objects have fallen into the appliance; or
- C. The appliance has been exposed to rain; or
- D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
- E. The appliance has been dropped, or the enclosure damaged.

18. Servicing - The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

Note:

To CATV system installer's (U.S.A): This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected as close to the point of cable entry as practical.

- Digital Key Control +/- 10 step
- LED indicators for currently used key
- AV 1 and 2 Selection
- Compact size

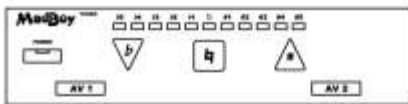
Inputs:

- 2 Audio (L/R) RCA-inputs
- 2 Video RCA-inputs

Outputs:

- 1 Audio (L/R) RCA-output
- 1 1/8" Stereo jack-output

Package includes:



TONER KEY CONTROL UNIT (1)



USER MANUAL (1)



POWER SUPPLY (1)

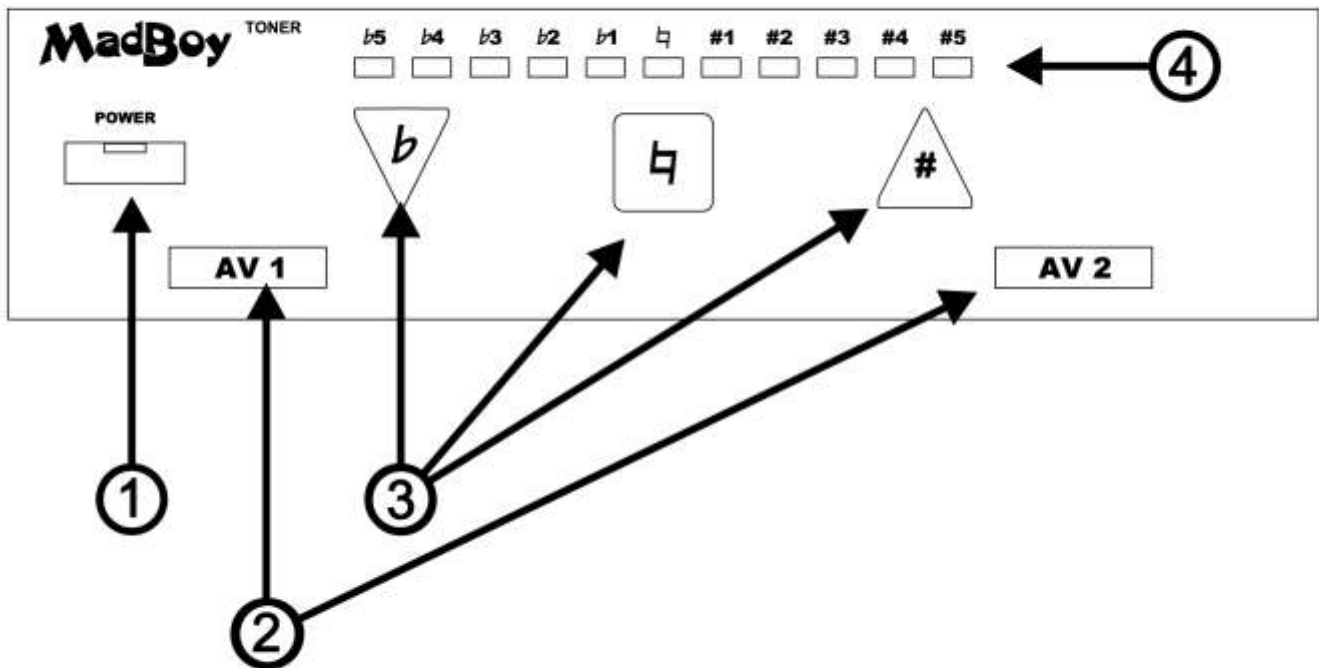


RCA - RCA CABLE (1)



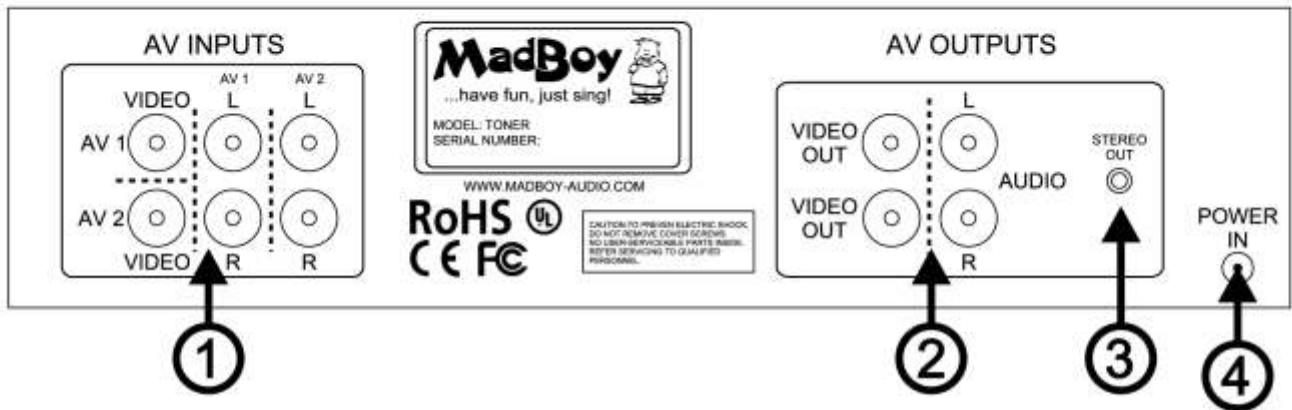
1/8" JACK-RCA (1)

Front panel functions



1. Power ON/OFF button.
2. AV 1 / AV 2 input selection. Select AV 1 to view, listen and set key on AV 1 input. Select AV 2 to view, listen and set key on AV 2 input. NOTICE! Key settings will be reset to normal after pressing AV 1 or AV 2 input select buttons!
3. Digital Key Control setting buttons.
Press **b** button to downgrade key by 1 step.
Press **q** button to reset key back to normal.
Press **#** button to increase key by 1 step.
4. Led indicators shows the current key used. Green led is normal / neutral.

Rear panel / connecting



1. AV INPUTS: Connect your AV-source (ie. DVD-player,MP3-player) to AV 1 or AV 2. You can use 2 different sources ie. 1 DVD player and 1 MP3-player.

Connecting AV source ie. DVD-player (fig.1):

Connect AV source to AV 1 input (and another AV source to AV 2 input) of TONER. To do this, you need AV/RCA cable(s). Connect yellow (video) cable to yellow video input. Connect audio cables, L/R (white and red) audio cable to L(red) input and to R(white) audio input.

2. AV OUTPUTS:Connect your TV, mixer, amplifier, active speakers etc.

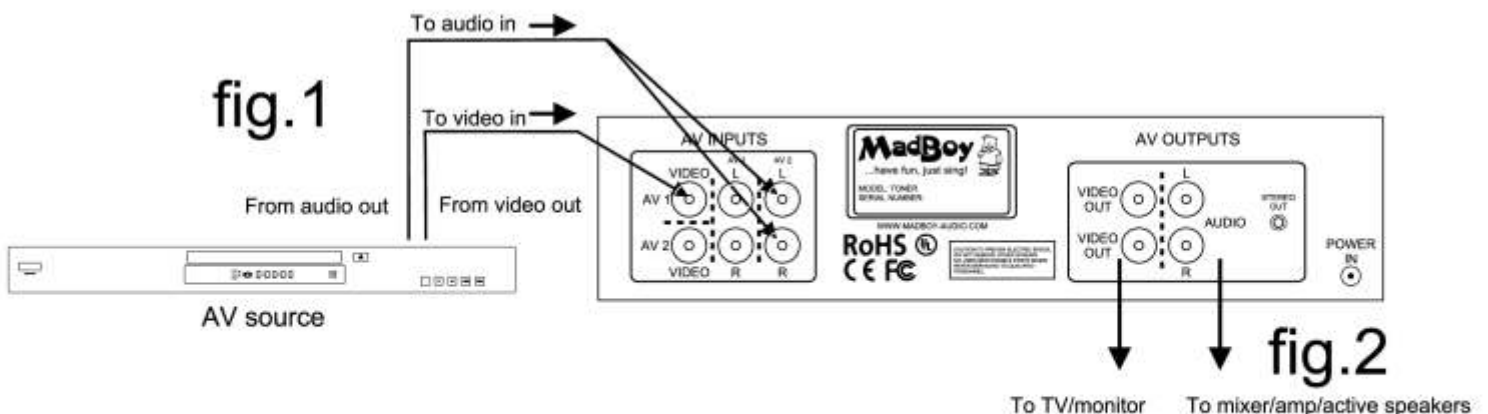
Connecting AV to TV, mixer etc. (fig.2)

For video: Connect yellow (video) cable to video out and other end of cable to ie. TV, mixer etc. video input(s).

For audio: Connect audio cable L/R (white and red) to audio out of TONER and other end of cable to ie. TV, mixer, amplifier, active speakers etc. audio inputs.

3. STEREO OUT (1/8") JACK:Connect your speakers ie. PC speakers.

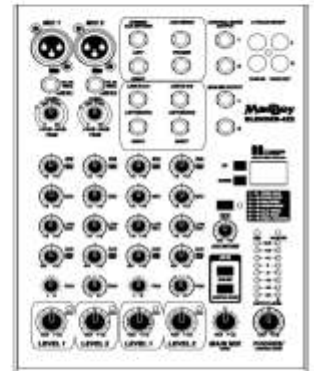
4. POWER IN:Connect power adapter plug here and power adapter to wall-outlet or surge protected power outlet.



Recommended MadBoy hardware

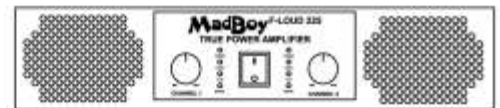
MADBOY BLENDER-422 4/6 MIXER WITH DSP EFFECTS

- 4/6-CHANNEL MIXING CONSOLE WITH TWO STEREO CHANNELS AND A SEPARATE STEREO TAPE CHANNEL
- SEPARATE INPUT JACK CONTROLS FOR MIX AND LINE INPUTS FOR ALL MONO CHANNELS
- XLR MIC CONNECTORS ON ALL MONO CHANNELS
- LOW-NOISE, DISCRETE MIC PREAMPLIFIERS ON ALL MICROPHONE INPUTS
- DEDICATED INSERTS ON ALL MONO CHANNELS
- BALANCED 1/4" STEREO JACK AND RCA-CONNECTORS FOR STEREO CHANNELS
- BALANCE CONTROLS ON ALL STEREO CHANNELS
- SEPARATE STEREO TAPE CHANNEL WITH 1/4" AND RCA JACKS
- STEREO OUTPUT FOR RECORDING APPLICATIONS
- 3-BAND EQ ON ALL CHANNELS
- AUX AND EFFECTS PATHS AS WELL AS SEPARATE GAIN CONTROLS ON ALL CHANNELS
- HIGH-GRADE-SEALED FADERS AND POTENTIOMETERS
- INSERT OPTION FOR EXTERNAL EFFECTS DEVICES
- AUX SEND AND EFX SEND CONTROLS IN THE MAIN SECTION FOR OPTIMAL LEVEL ADJUSTMENT
- HEADPHONES OUTPUT WITH DEDICATED VOLUME CONTROL
- BUILT-IN +48V PHANTOM POWER FOR CONDENSER MICS



MADBOY F-LOUD 225 TRUE POWER AMPLIFIER

- 225W TRUE POWER AMPLIFIER
- RMS OUTPUT POWER: 4 OHMS 2 X 144W, 8 OHMS 2 X 122W, BRIDGED 8 OHMS 1 X 228W
- FREQUENCY RESPONSE: 20HZ - 20KHZ
- STEREO INPUTS: UNBALANCED 6.3 JACK & BALANCED XLR
- INDIVIDUAL VOLUME CONTROLS FOR BOTH CHANNELS
- SPEAKER OUTPUTS: SPEAKON & 2-WAY BINDING POST
- HEAVY DUTY DESIGN
- RACK MOUNTABLE
- DOUBLE FAN COOLED
- STEREO/BRIDGE & GROUND LIFT SWITCH
- AC 115V (60 HZ) / AC 230V (50 HZ) FOR WORLDWIDE USE



MADBOY REMIX-31 KARAOKE MIXER

- 3 MICROPHONE INPUTS WITH VOLUME CONTROLS
- BASS, MID AND TREBLE ADJUSTMENTS FOR MICROPHONES AND MUSIC SOUND
- ECHO WITH VOLUME, REPEAT AND DELAY CONTROLS
- MASTER VOLUME CONTROLS FOR MIC AND MUSIC
- 2 AUDIO/VIDEO SOURCE INPUTS AND 2 AUDIO/VIDEO OUTPUTS
- RIGHT AND LEFT LED LEVEL INDICATOR
- VOLTAGE SELECTOR 115/230V AC



