

Mini Deluxe™ MD-20



OWNER'S MANUAL

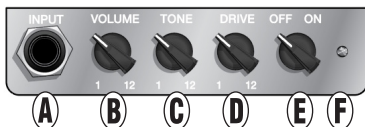
Fender®

MINI DELUXE MD-20™

Your Mini Deluxe MD-20 is a working tabletop amplifier based on a classic Fender model. Plug a guitar into it, turn it on and get real electric guitar sound, including distortion. You can even connect headphones for private use. Compact and portable, the Mini Deluxe MD-20 runs on 9-volt battery power or DC current using an adaptor (not included).

CONTROL PANEL

- A. INPUT:** Connect instrument here.
- B. VOLUME:** Turn this control to adjust volume.
- C. TONE:** Turn this control to adjust brightness of guitar tone. Brightness increases as knob is rotated from 1 to 12.
- D. DRIVE:** Turn this control to adjust distortion level. Use in conjunction with VOLUME (A) to adjust overall amplifier loudness.
- E. ON/OFF SWITCH:** Turn to switch amplifier on and off.
- F. POWER INDICATOR LIGHT:** Illuminates when amplifier is on.



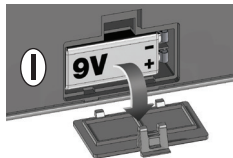
SIDE PANEL



- G. HEADPHONE JACK:** Connect headphones here (headphone use automatically mutes speaker output).
- H. DC ADAPTOR INPUT:** Connect a 9V DC power adaptor (not included) here. Only use a safety-certified external power adaptor that is rated properly for use with this product.

REAR BATTERY COMPARTMENT

- I. 9V BATTERY COMPARTMENT:** For 9-volt battery operation, open battery compartment by using fingers to unlatch small door at the bottom of the back of the amplifier. Install a 9-volt battery as shown at right, being sure to observe the correct positive (+) and negative (-) terminal polarity. Snap compartment door closed. The amplifier is now ready for battery-operated use.



SPECIFICATIONS

MODEL	Mini Deluxe MD-20			
POWER OUTPUT	2W RMS			
POWER CONSUMPTION	One 9V DC 006P battery 200ma			
SPEAKER	One 3" speaker			
DIMENSIONS/WEIGHT	Height: 120 mm	Width: 144 mm	Depth: 103 mm	Weight: 800 g

CAUTION: Amplifiers and loudspeaker systems, and ear/headphones (if equipped) are capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.

Product specifications subject to change without notice.

IMPORTANT SAFETY INSTRUCTIONS



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 product.



CAUTION: SURFACES MAY BE HOT—DO NOT TOUCH. Fingers may be burned if contact is made with hot objects. Before handling switch the product OFF, and wait one-half hour for it to cool.

- 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) To completely disconnect this apparatus from the AC mains, disconnect the power supply cord plug from the AC receptacle.
 - 16) The mains plug of the power supply cord shall remain readily operable.
 - 17) **WARNING** – To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
 - 18) Do not expose this equipment to dripping or splashing and ensure that no objects filled with liquids, such as vases, are placed on the equipment.
 - 19) Maintain at least 6 inches (15.25 cm) of unobstructed air space behind the unit to allow for proper ventilation and cooling of the unit.
 - 20) **CAUTION** – For rack mounted power amplifiers, keep all wiring and materials away from the sides of the unit and allow the unit to cool down for 2 minutes before pulling from a rack enclosure.
 - 21) Amplifiers and loudspeaker systems, and ear/headphones (if equipped) are capable of producing very high sound pressure levels which may cause temporary or permanent hearing damage. Use care when setting and adjusting volume levels during use.
 - 22) **FCC COMPLIANCE NOTICE** – 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 used in accordance with the instructions, may cause harmful interference to radio communications and 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 or 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 of the receiver. Consult the dealer or an experienced radio/TV technician if help is needed with interference. NOTE: FCC will not be responsible for unauthorized equipment modifications that could violate FCC rules, and/or void product safety certifications.
- For certain Intentional Radiators: This device complies with Part 15 of the FCC Rules/Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- 23) **WARNING** – To maintain product safety, products with internal or external (battery pack) batteries: -Batteries and/or the product in which they are installed, shall not be exposed to excessive heat such as sunshine, fire or the like. -There may be a danger of explosion if the battery is incorrectly connected/replaced. Replace only with the same or equivalent type battery specified in the instructions or on the product.
 - 24) **CAUTION** – Unplug unit and allow it to cool before touching/ replacing vacuum tubes.
 - 25) **WARNING** – Provide an earthing connection before the mains plug is connected to the mains. And, when disconnecting the earthing connection, be sure to disconnect after pulling out the mains plug from the mains.
 - 26) Apparatus with CLASS I construction (grounded type with a three-prong plug) must be connected to a MAINS socket outlet with a protective earthing connection.
 - 27) **STABILITY HAZARD** – The unit may fall, causing serious personal injury or death.
 - 28) **CAUTION** – For products containing an external speaker jack—when connecting a speaker cable, make certain the unit is powered off to protect from risk of shock. Speaker wires/cables shall be of suitable gauge, and its insulation and/or sleeve shall be rated VW-1, FT-1 or V-1, minimum.



A PRODUCT OF
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