



DIME

AMPLIFICATION



D100

OWNER'S MANUAL

DIME D100 GUITAR AMPLIFIER HEAD

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CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE. TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

PRECAUCION
RIESGO DE CORRIENTAZO
NO ABRA

PRECAUCION: PARA REDUCIR EL RIESGO DE INCENDIOS O DESCARGAS ELECTRICAS, NO PERMITA QUE ESTE APARATO QUEDE EXPUESTO A LA LLUVIA O LA HUMEDAD. PARA DISMINUIR EL RIESGO DE CORRIENTAZO, NO ABRA LA CUBIERTA. NO HAY PIEZAS ADENTRO QUE EL USUARIO PUEDO REPARAR DEJE TODO MANTENIMIENTO A LOS TECNICOS CALIFICADOS.

ATTENTION
RISQUE D'ELECTROCUTION
NE PAS OUVRIR

ATTENTION: PROTEGEZ CET APPAREIL DE LA PLUIE ET DE L'HUMIDITE AFIN D'EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION. POUR REDUIRE D'ELECTROCUTION NE PAS ENLEVER LE COUVERCLE. AUCUNE PIECE INTERNE N'EST REPARABLE PAR L'UTILISATEUR. POUR TOUTE REPARATION, S'ADRESSER A UN TECHNICIEN QUALIFIE.

IMPORTANT SAFETY INSTRUCTIONS

- 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 a 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) Apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
- 10) Do not defeat the safety purpose of the polarized or ground plug: A polarized plug has two blades with one wider than the other. The wide blade is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 11) Protect the power cord from being walked on or pinched particularly at plug, convenience receptacles, and the point where they exit from the apparatus.



- 12) Only use attachments/accessories specified by the manufacturer.
- 13) Use only with a cart, stand, tripod, bracket, or table specified with the apparatus, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 14) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 15) Refer all servicing to a 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 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.
- 16) To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- 17) Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, shall not be placed on the apparatus.

EXPLANATION OF GRAPHICAL SYMBOLS:

EXPLICACION DE SIMBOLOS GRAFICOS:

EXPLICATION DES SYMBOLES GRAPHIQUES:



"DANGEROUS VOLTAGE"
"VOLTAJE PELIGROSO"
"DANGER HAUTE TENSION"



"IT IS NECESSARY FOR THE USER TO REFER TO THE INSTRUCTION MANUAL"
"ES NECESARIO QUE EL USUARIO SE REFIERA AL MANUAL DE INSTRUCCIONES."
"REFERREZ-VOUS AU MANUAL D'UTILISATION"



DIME D100 GUITAR AMPLIFIER HEAD

INTRODUCTION:

Congratulations and welcome to the world of Dime Amplification!

You are now the proud owner of the Dime D100 two-channel amplifier. Armadillo Enterprises joined forces with legendary amp designer Gary Sunda and the premier speaker manufacturer Eminence to develop an amplifier that captures the essence of Dimebag Darrell's guitar sound. The Dime D100 amplifier combines Dimebag's signature searing lead and crushing rhythm sounds in a rugged, durable, and dependable amplifier. Use your supplied FS1 two button footswitch to select between the channels for crystal clear clean tones or Dime's monster distorted sounds. The built-in spring reverb provides that classic reverb sound for added depth and greater flexibility. Added touches such as the lightning bolt control knobs and the DB (Dimebag) amp handles round out the unique features of the D100. The D100 amplifier is built using the finest components and has been tested extensively to insure uncompromised sound quality.

THANK YOU FOR CHOOSING DIME AMPLIFICATION.

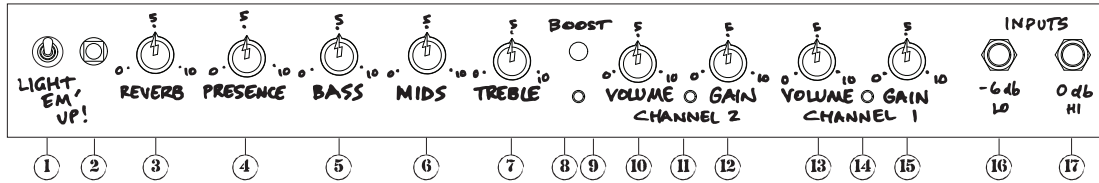
Here are some of the features of your new
DIME D100 AMPLIFIER:

- 120 watts rms power output
- Two-Channel Operation
 - Clean Channel
 - Overdrive Channel with Gain Boost
 - Both Channels Combined
- 4-band EQ on both Channels
- Two Independent Effects Loops
- Spring Reverb with Level control
- External Line Out
- FS1 Footswitch included



DIME D100 GUITAR AMPLIFIER HEAD

FRONT PANEL



1 ON AND OFF SWITCH

Use this power switch to turn the amplifier on (switch in up position) and off (switch in down position).

2 PILOT LIGHT

The pilot light is activated when the amplifier is turned on. *Light 'em up!*

3 REVERB CONTROL

The reverb control allows total control of the amount of reverb introduced to the signal. Experimentation will produce the exact amount of reverb desired. Reverb can be turned on and off by means of a footswitch (see rear panel highlights). Reverb is effective on both channels.

4 PRESENCE CONTROL:

This control operates in the audio spectrum higher than the treble control and adds the very sparkling, or tingling, touch to the sound that provides that extra dimension to the response. It is effective on either channel.

5 BASS CONTROL:

This control adjusts the bass frequencies. Use this control to get the best sounding bass response for your instrument. It is effective on either channel.

6 MIDDLE CONTROL:

This control adjusts the midrange frequencies. Use this control to get the best projection and midrange tones for your instrument. It is effective on either channel.

7 TREBLE CONTROL:

This control adjusts the treble/high frequencies. Use this control to achieve a bright and lively sound for your instrument. It is effective on either channels.

8 BOOST (ACTIVE ON CH 2 ONLY)

Use this button to switch in an extra drive stage for even more gain. On (button in) Off (button out).

9 BOOST LED

Indicates Boost in operation when lit.

10 VOLUME (CH 2)

This control adjusts the overall volume of channel 2.

11 CHANNEL 2 LED

This LED illuminates when channel 2 is selected.

12 GAIN (CH 2)

This control adjusts the amount of gain / distortion for channel 2.

13 VOLUME (CH 1)

This control adjusts the overall volume of channel 1.

14 CHANNEL 1 LED

This LED illuminates when channel 1 is selected.

15 GAIN (CH 1)

This control adjusts the amount of gain / distortion for channel 1.

16 LOW GAIN - 6 DB INPUT:

This input is provided to accommodate those electric instruments whose output signal is so high as to cause an overload when plugged into the high gain input.

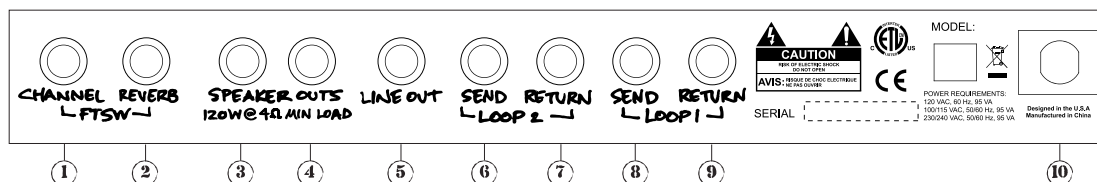
17 HIGH GAIN 0 DB INPUT:

This input can be used with most musical instruments. The gain characteristic of this input is 6 db higher than the low gain input.



DIME D100 GUITAR AMPLIFIER HEAD

BACK PANEL



① CHANNEL FOOTSWITCH JACK:

Plug in the supplied **Dime FS1** footswitch to select between Channel 1 and Channel 2 using the button labeled "Channel Select," or both Channel 1 and 2 simultaneously using the button labeled "Both Channels."

NOTE: If you are not using the Dime FS1 footswitch, both Channel 1 and Channel 2 will be active simultaneously. You may use the volume controls to adjust each channel's mix.

② REVERB FOOTSWITCH JACK:

This jack provides a connection for a reverb footswitch (not included) which is used to turn the reverb on and off after the amount of reverb is selected by using the reverb control on the front panel. It is not necessary to use the footswitch unless it is desired to be able to turn the reverb on and off at will.

③ ④ SPEAKER OUTPUT JACKS:

Use to connect the internal speaker of the amplifier or external speakers as required. Less than 8 OHM load impedance not recommended. 4 OHM minimum load.

⑤ LINE OUT: (PRE AMP OUTPUT JACK)

The line out or pre amp output jack provides an output signal for driving additional amps, tape recorder, line or for recording directly from the amplifier, eliminating the need to mike the speakers. This jack is not a speaker output and should never be used as one.

⑥ ⑦ EFFECTS JACKS LOOP 2

The Effects Loop 2 works for both Channel 1 & Channel 2 of the D100 Head. Connect the jack labeled "send" to the input of the effect(s) unit. Connect the jack labeled "return" to the output of the effect(s) unit.

⑧ ⑨ EFFECTS JACKS LOOP 1

This is the independent effects loop for Channel 1 of the D100 Head. Connect the jack labeled "send" to the input of the effect(s) unit. Connect the jack labeled "return" to the output of the effect(s) unit.

NOTE: The effects of both Loop 1 and Loop 2 can be heard when you combine both channel 1 and channel 2 via the "Both Channels" button of the **Dime FS1** footswitch.

⑩ AC LINE IN

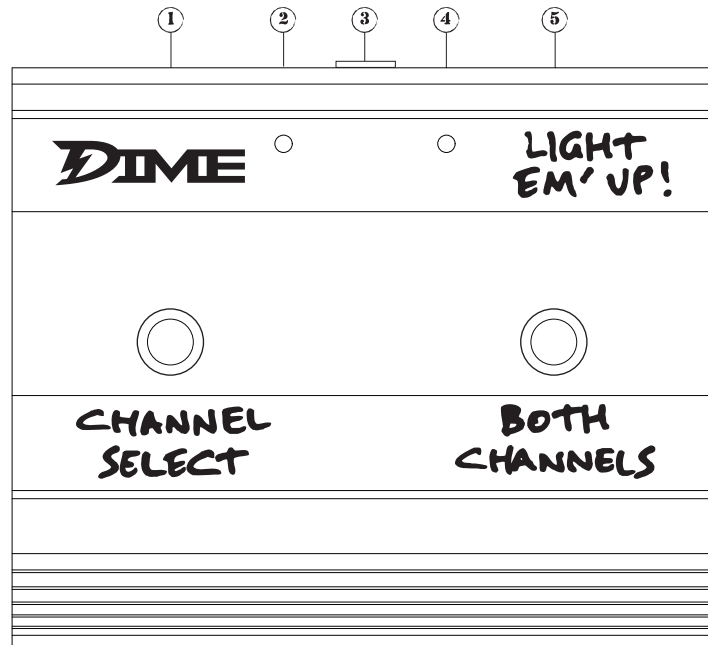
Insert the supplied grounded AC power cord into this socket until it is fully seated. Always plug the power cord into a grounded power outlet, wired to current electric codes and compatible with voltage, power, and frequency requirements stated on the rear panel. DO NOT ATTEMPT TO DEFEAT THE SAFETY GROUND CONNECTION.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.



DIME D100 GUITAR AMPLIFIER HEAD

DIME FS1 FOOTSWITCH



① CHANNEL SELECT

Use this button to switch between Channel 1 and Channel 2 of the D100 Head.

② CHANNEL 1 LED

This LED illuminates when Channel 1 is selected or both channels are selected.

③ FOOTSWITCH JACK

Use this jack to connect the **FS1** Footswitch to your D100 with the footswitch cable provided.

④ CHANNEL 2 LED

This LED illuminates when Channel 2 is selected or both channels are selected.

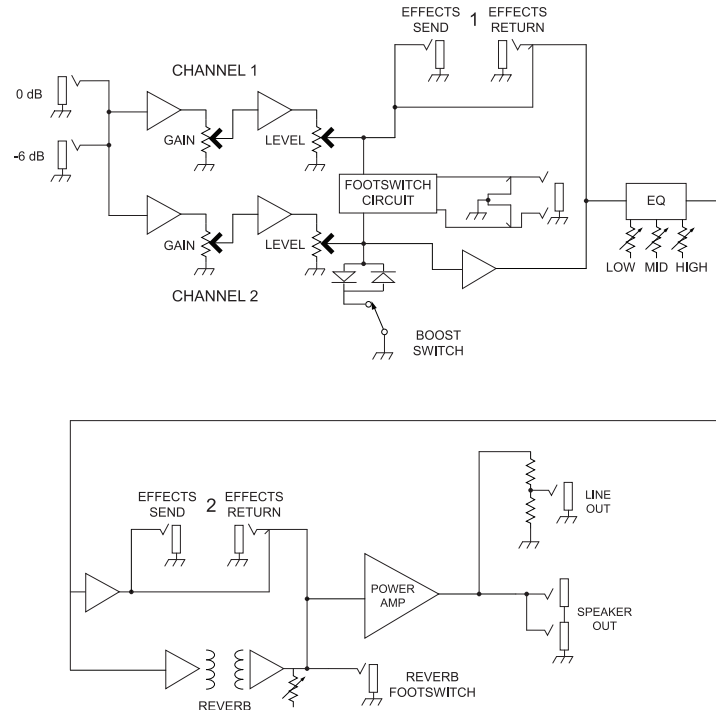
⑤ BOTH CHANNELS

Use this button to switch on both channels simultaneously. If Channel 1 is on it will switch Channel 2 on with it. If Channel 2 is on it will switch Channel 1 on with it.

NOTE: Please note that the other Channel Select button will not change channels as long as both channels are on at the same time.



DIME D100 GUITAR AMPLIFIER HEAD



D100 BLOCK DIAGRAM SPECIFICATIONS

POWER OUTPUT } D100 }	120 watts RMS @ 4 ohms @ 2% THD 80 watts RMS @ 8 ohms @ 2% THD
NUMBER OF CHANNELS	Two, each channel is driven from common input jacks.
MINIMUM INPUT SIGNAL } FOR RATED OUTPUT }	.5mV @ 3K Hz #2 channel 6.5mV @ 3K Hz #1 channel
TONE CONTROLS	All tone controls set at 5 Bass Swing @ 50 Hz, 15 dB Mid Swing @ 600 Hz, 10 dB Treb Swing @ 12K Hz, 16 dB Presence Swing @ 10K Hz 15 dB Prescene Swing @ 15K Hz 18 dB
NOISE	All tone controls @ 10 Volume @ 0 Master @ 10, -75 dB
EFFECTS LOOP 1	Send 200 mV max, return 50K ohms
EFFECTS LOOP 2	Send 200 mV max, return 50K ohms
SIGNAL OUTPUT	0 dB @ 600 ohms
INPUT IMPEDENCE	1 MEG ohms, Hi 0 dB. 130K ohms Lo -6 dB
POWER AMPLIFIER DAMPING FACTOR	2 @ 8 ohms
POWER REQUIREMENTS	120 VAC, 60Hz, 95W; 100/115VAC, 50/60Hz, 95W; 230/240 VAC, 50/60 Hz, 95W
WEIGHT	39 Lb.
SIZE D100	11" H, 29.25" W, 9.75" D



DIME D100 GUITAR AMPLIFIER HEAD

DECLARATION OF CONFORMITY

MANUFACTURER:	Armadillo Enterprises 4924 West Waters Ave. Tampa, FL 33634, USA
PRODUCT NAME:	Dime D100
PRODUCT TYPE:	Audio Amplifier
COMPLIES WITH STANDARDS:	92/31/EEC, 93/68/EEC, & 73/23/EWG
LVD:	EN60065
SAFETY:	EN55013, EN55020, EN55022, EN55103, EN61000-3-2, & EN61000-3-3
EMC:	

The official Declaration of Conformity for this product is kept on file at:
Armadillo Enterprises, 4924 West Waters Ave., Tampa, FL 33634 • Tel: 1-800-793-5273

This device complies with part 15 of the FCC Rules, ICES-003, EN55022 and EN55024. 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.

The D100 is covered with a durable vinyl material. Wipe it clean with a lint-free cloth. Never spray cleaning agents onto the cabinet. Avoid abrasive cleansers which would damage the finish.

All specifications and information in this manual are subject to change without notice.

"DIME" is a registered trademark of Armadillo Enterprises. All other brand names mentioned are trademarks or registered trademarks of their respective holders and are hereby acknowledged.

SERVICE INFORMATION:

If you are having a problem with your **D100**, you can go to our website (www.armadilloent.com) and click on Contact for service information, or call 1-800-793-5273 during business hours (9 am to 6 pm EST, Monday-Friday). If you are outside of the U.S., contact your local distributor for technical support and service.



DIME AMPLIFICATION
4924 W. WATERS AVE., TAMPA, FL 33634

