



DV MARK

Guitar at its Best!

DV MARK EVO 1

Owner's Manual - Manuale Utente

SAFETY INSTRUCTIONS

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 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 ground-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 the tip-over (and Fig 21 DU Tipping Cart Symbol).
- 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) "WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS".
- 16) TO COMPLETELY DISCONNECT THIS APPARATUS FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE;
- 17) THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY ACCESSIBLE.
- 18) In case of voltage selector make sure the switch on the rear panel is on the correct voltage before connecting it to the AC power, and the fuse is the right value for that voltage (This selector is not available on the 100V version). Please change the voltage/fuse values label located near the voltage selector matching the voltage/fuse values when you need to change the voltage of the apparatus.
- 19) "WARNING: THIS APPARATUS MUST BE SECURELY ATTACHED TO THE FLOOR OR WALL IN ACCORDANCE WITH INSTALLATION ISTRUCTION. TIPPING, SHAKING, OR ROCKING THE MACHINE MAY CAUSE INJURY OR DEATH."
- 20) "CAUTION: THESE SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED SERVICE PERSONNEL ONLY. TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO"



PRECAUTIONS D'EMPLOI

- 1) Lire ces instructions;
- 2) Conserver ces instructions;
- 3) Suivre tous les conseils d'utilisations;
- 4) Suivre toutes les instructions;
- 5) Ne pas utiliser cet appareil au bord de l'eau;
- 6) Nettoyer uniquement avec un chiffon humide;
- 7) Ne pas bloquer le système de ventilation. Installer conformément aux instructions du fabricant;
- 8) Ne pas installer l'appareil près d'une source de chaleur tel qu'un radiateur, un fourneau, ou bien un autre appareil qui produit de la chaleur;
- 9) Ne pas modifier le système de sécurité de la fiche polarisée ou de la fiche pour les prises de terre. Une fiche polarisée a deux broches, l'une étant plus distante de l'autre. Une fiche pour prise de terre a deux broches et une pointe pour la masse. La broche plus distante et la pointe pour la masse ont été installées pour votre sécurité. Si la fiche fournie de rentre pas dans votre prise de courant consulter un électricien pour la substitution;
- 10) Protéger le cordon d'alimentation afin qu'il ne soit pas piétiné ou écrasé tout particulièrement au niveau des fiches, des prises de courant femelles, et des parties qui sortent de l'appareil;
- 11) Utiliser uniquement les accessoires recommandés par le fabricant;
- 12) Utilisez uniquement avec le chariot, le socle, le trépied, le support ou la table spécifiés par le fabricant ou vendu avec l'appareil. Lorsque vous utilisez un chariot, soyez prudent lorsque vous déplacez l'ensemble chariot / appareil pour éviter toute blessure du renversement (et la figure 21 DU Tipping panier Symbol).
- 13) Ne pas branché l'appareil en cas d'orage accompagné d'éclairs. Le débrancher en cas de non utilisation prolongée;
- 14) S'adresser à un service assistance agréé si l'appareil a subi des dommages, si le cordon d'alimentation ou la fiche a été endommagé, si un liquide a été renversé sur l'appareil ou bien si un objet est tombé dans l'appareil, si ce dernier a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas correctement ou s'il est tombé;
- 15) "AVERTISSANT: POUR RÉDUIRE LE RISQUE DU FEU OU DE DÉCHARGE ÉLECTRIQUE, N'EXPOSEZ PAS CET APPAREIL À LA PLUIE OU L'HUMIDITÉ ET LES OBJETS REMPLIS DE LIQUIDES; TELS QUE DES VASES, NE DEVRAIENT PAS ÊTRE PLACÉS SUR CET APPAREIL";
- 16) POUR DÉCONNECTER COMPLETÈMENT L'APPAREIL DU RESEAU D'ALIMENTATION, DÉCONNECTER LE CORDON D'ALIMENTATION DE LA PRISE MURALE;
- 17) LA PRISE DU RESEAU D'ALIMENTATION DOIT DEMEURER AISEMENT ACCESSIBLE.
- 18) En cas de sélecteur de tension s'assurer que l'interrupteur sur le panneau arrière est sur la bonne tension avant de le raccorder à l'alimentation secteur et le fusible est la bonne valeur pour que la tension (Ce sélecteur n'est pas disponible sur la version 100V). S'il vous plaît changer la tension / valeurs de fusibles étiquette située près du sélecteur de tension correspondant aux valeurs / fusibles de tension lorsque vous avez besoin de changer la tension de l'appareil.
- 19) "AVERTISSEMENT: CET APPAREIL DOIT ÊTRE ASSUJÉTI AU PLANCHER OU AU MUR CONFORMÉMENT AUX INSTRUCTIONS D'INSTALLATION. LE FAIT DE L'INCLINER, DE LE BALANÇER OU DE L'AGITER PEUT CAUSER DES BLESSURES OU LA MORT."
- 20) "ATTENTION: CES INSTRUCTIONS D'ENTRETIEN SONT DESTINÉES PAR PERSONNEL QUALIFIÉ SEULEMENT . POUR RÉDUIRE LE RISQUE DE CHOC ÉLECTRIQUE NE PAS EFFECTUER TOUT ENTRETIEN AUTRE QUE CELLES CONTENUES DANS LE MODE D'EMPLOI SAUF SI VOUS ÊTES QUALIFIÉ POUR LE FAIRE"



MORE INFORMATION

For warranty and service information, please contact your local DV Mark distributor (contact information available at www.dvmark.it). For more technical information, please visit us at www.dvmark.it and fill out the form on the Support page. We hope you enjoy your power amp and use it to make great music!



"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 enclosure that may be of sufficient magnitude to constitute a risk of 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."



"To be used only with altitude not exceeding 2000 m"



"To be used only where the climate is not tropical"



A Word from Marco De Virgiliis

Thank you for choosing the **DV MARK EVO1** head.

DV Mark continues creating tools revolutionizing the classics to present days, in a word ... **EVOLUTION!**

We know there are many amps that have cool tones, but one of the biggest problem in the sea of choices is they deliver their tone in one unique way, and it is not always the 'right' sound for each unique performance.

NOW the ideal amp does exist... the **DV MARK EVO 1**.

Thanks to six AMPS tone choices for each channel many cool options come with this rEVOLUTIONary amp, plus you can update them with other preferred amps you can download from our website.

The DV MARK EVO 1 features two channels with a classic standard amp controls interface, reverb control for each channel, MIDI ports, on board tuner, aux in and headphones out, FX loops, XLR Line Outs, Boost, and a powerful **250W** power amp with an impressively warm tone and incredible dynamic.

We hope you will enjoy your new guitar amp, and we invite you to contact us any time with your comments and questions, at info@dvmark.it.

Thanks again, and good music!



FRONT PANEL

1) PASSIVE INPUT Connect your guitar to this input using a standard 1/4" shielded instrument cable, this input is designed to best interface with signal from instruments with passive electronic/pickups.

2) CH1/CH2 This channel selector switches between the Channel 1 and Channel 2.

Channel-switching can also be controlled by a EVO pedal that can be plugged into the MIDI IN on the rear panel (30).

3) AMP 1 Select between six AMPS tone choices available at channel 1.

FACTORY SETTING CH1

- DARKFACE '65 (65 Blackface FENDER® TWIN) > CLEAN
- MARAGOLD (DV Mark Greg Howe signature) > CLEAN
- TOP 30 (VOX® AC30®) > CLEAN
- TRIPLE 6 Ch1 (DV MARK Triple 6) > CLEAN
- ROCK '75 (UK) MARSHALL® JCM800®) > CRUNCH
- PROGRESSIVE (Mesa Boogie® MARK V®CUSTOMIZED) > LEAD

note: You can update AMPs choices for each channel as for your preference between the 13 available at the DV MARK EVO SOFTWARE)

4) GAIN This knob sets the gain level of the channel 1.

5) LOW This knob controls the amount of low frequencies of the selected AMP / CH1.

6) MID The Mid control regulates the midrange frequencies of the selected AMP / CH1.

7) HIGH The High knob controls the amount of high frequencies of the selected AMP / CH1.

8) LEVEL Controls the level of the selected AMP model on CH1.

9) REVERB 1 Controls the level of the reverb assigned to channel 1.

REV FACTORY SETTING CH1: SPRING REVERB (Accutronics®)

note: - You can customize the REVERB parameters as for your preference thanks to the DV MARK EVO SOFTWARE.
- REVERB 1 ON/OFF switching can be controlled by the EVO controller.

10) ACTIVE INPUT Connect your guitar to this input using a standard 1/4" shielded instrument cable, this input is designed to best interface with signal from instruments with active electronic/pickups.

11) AUX Use this input to plug in an iPod, CD or MP3 player using a stereo mini plug 1/8".

This signal mixes in evenly with the instrument connected to the input/s.

12) AMP 2 Select between six AMPS tone choices available at channel 2.

FACTORY SETTING CH2

- TRIPLE 6 CH2 (DV Mark Triple 6) > CRUNCH
- SLODRIVE (US) (SOLDANO X88R® CH2) > CRUNCH
- JC MARK (MARSHALL® JCM800®) > CRUNCH
- MARAGOLD (DV Mark Greg Howe signature) > LEAD
- SLODRIVE (US) (SOLDANO X88R® CH3) > LEAD
- RECTO (US) (Mesa Boogie® DUALRECTIFIER®) > LEAD

note: You can update AMPs choices for each channel as for your preference between the 13 available at the DV MARK EVO SOFTWARE)

13) GAIN This knob sets the gain level of the channel 2.

14) LOW This knob controls the amount of low frequencies of the selected AMP / CH2.

15) MID The Mid control regulates the midrange frequencies of the selected AMP / CH2.

16) HIGH The High knob controls the amount of high frequencies of the selected AMP / CH2.

17) LEVEL Controls the level of the selected AMP model on CH2.

18) REVERB 2 Controls the level of the reverb assigned to channel 2.

REV FACTORY SETTING CH2: REVERB (DV MARK custom item)

note: - You can customize the REVERB parameters as for your preference thanks to the DV MARK EVO SOFTWARE.
- REVERB 2 ON/OFF switching can be controlled by the EVO controller.

19) MUTE/TUNER The DV Mark EVO 1 features an onboard tuner that lets you tune your instrument at a regular 440Hz tuning, half step down and a whole tone down. The default status is 440Hz and the light on the "b" will light in green. Pushing and holding the MUTE/TUNER button, the LED will light in Orange after releasing it and you can tune your instrument half step down. Pressing and holding the same button a second time will make the "b" LED light in red, that means you're ready to tune your instrument a whole step down. Pressing and holding again you'll go back to the 440 Hz tuning mode.

20) MASTER This control is the master feed from the end of the channels CH1/CH2 to the power stage. Start with the Master control OFF (all the way counter-clockwise) and turn it up gradually until you reach your desired volume.

21) BOOST LEVEL This knob controls the boost level with a range up to +12dB for notching up your volume for solos during live performance.

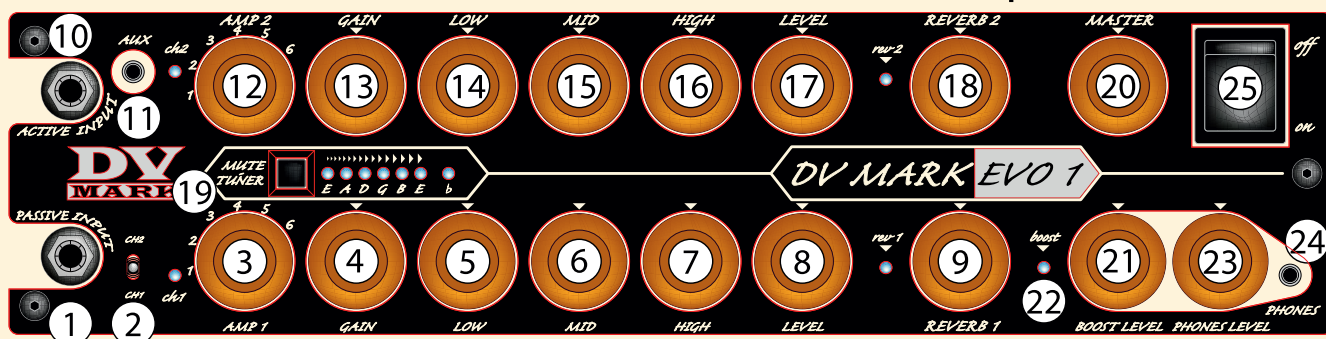
22) BOOST This LED signals when the BOOST is activated, BOOST ON/OFF switching is controlled by the EVO controller.

23) PHONES LEVEL Controls the level of the signal send to the PHONES OUTPUT (24).

24) PHONES For quiet practicing plug headphones into this mini plug 1/8" input.

25) ON/OFF SWITCH This switch delivers AC power to the amp.

The DV Mark EVO 1 is manufactured to be used in the country where it has been sold, and it's factory preset to that country's voltage. So make sure you're sending the correct voltage to your amp before you connecting it to AC power and turning power on.



REAR PANEL

26) AC POWER SOCKET Make sure the unit is grounded; all three terminals of the AC power plug must be connected to avoid any injury to the user or damage to the unit.

The DV Mark EVO 1 is manufactured to be used in the country where it has been sold, and it's factory preset to that country's voltage. So make sure you're sending the correct voltage to your amp before you connect it to AC power.

27/28/29) SPEAKER OUT Connect your cabinet/s to the speaker out/s (minimum load 4 ohm, the speaker outputs are in parallel). The speaker JACK outs (27-29) accepts ¼" Jack speaker cables, the SPEAKON (28) accepts SPEAKON speaker cable (either 2 poles or 4 poles connector -standard wiring +1/-1).

Do not use instrument cables.

The DV Mark EVO 1 delivers 250W of power into a 4 ohm cabinet (or two 8 ohm cabinets) or 150W into an 8 ohm cabinet.

30) MIDI IN Connecting the EVO PEDAL to this MIDI input you've access to switch CH1/CH2, turn ON/OFF FX1 and FX2, TURN ON/OFF the BOOST and the MUTE/TUNER functions.

- The MIDI RX CHANNEL is setted on #0

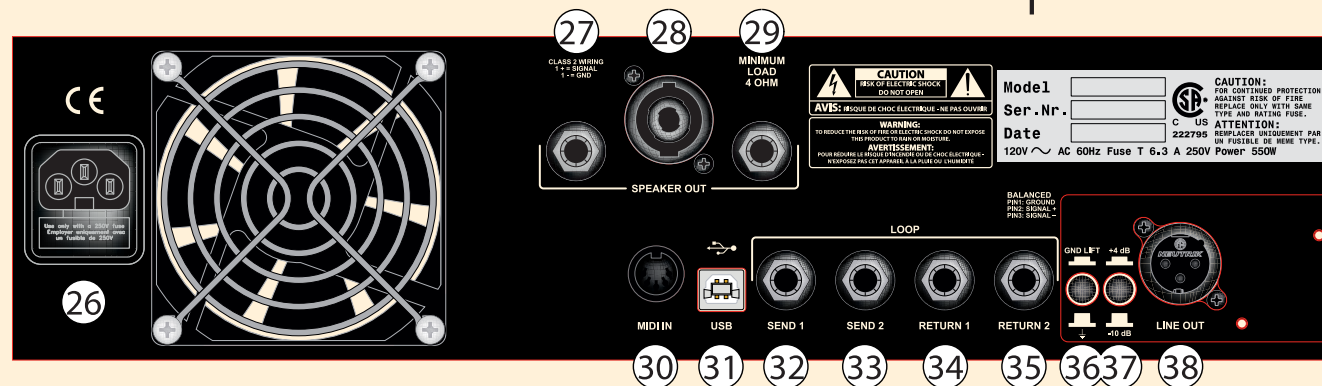
The switch between channel are setted as for the PROGRAM CHANGE:

- PC#1=Ch1 / PC#2=Ch2

REVERB 1, REVERB 2, BOOST, MUTE/TUNER ON/OFF are setted as for the CONTROL CHANGE:

- REVERB 1 ON = (CC #1,1) / REVERB 1 OFF = (CC #1,0)
- REVERB 2 ON = (CC #2,1) / REVERB 2 OFF = (CC #2,0)
- BOOST ON = (CC #3,1) / BOOST 1 OFF = (CC #3,0)
- TUNER ON = (CC #28,1) / TUNER OFF = (CC #28,0)

31) USB - This USB port allows to connect your DV Mark EVO 1 to a computer thanks to an USB A/B (printer) cable to set your preferred AMPs on CH1 and CH2, parameters of REVERB 1/REVERB 2 and virtual CAB/Speaker Emulator (assignable at the XLR Line Out) using the DV Mark EVO 1 software, and then storing your favorite settings on the amp.



AMPS SELECTION at DV Mark EVO 1 software

clean

- TRIPLE 6 CH1 (DV Mark Triple 6)
- DARKFACE '65 (65 Blackface FENDER® TWIN REVERB®)
- SLODRIVE US (SOLDANO X88R® CH1)
- MARAGOLD (DV Mark Greg Howe signature)
- TOP 30 (Vox AC30)

crunch

- TRIPLE 6 CH2 (DV Mark Triple 6)
- ROCK '75 UK (MARSHALL® JCM800®)
- SLODRIVE US (SOLDANO X88R® CH2)
- JC MARK (MARSHALL® JCM800®)

lead

- RECTO US (Mesa Boogie® DUALRECTIFIER®)
- SLODRIVE US (SOLDANO X88R® CH3)
- PROGRESSIVE (MARK V hi-gain inspired)
- MARAGOLD CH3 (DV Mark Greg Howe signature)

REVERB SELECTION at DV Mark EVO 1 software

- NONE (no reverb)/ SPRING REVERB
- Parameters: TIME / COLOR / DIFFUSION

CAB SELECTION at DV Mark EVO 1 software

- NONE (no CAB emulator)
- 4x12" VINTAGE 30® (Celestion® Vintage 30®)
- 2x12 CELESTION® (Vox® AC 30®)
- 1x12 JENSEN® (Fender® De Luxe®)

32/34) SEND/ RETURN 1 If you use effect pedals or rack gear, you can route them using SEND 1 (32) and RETURN 1 (34), connecting the SEND to the input of the effect and the RETURN to the effect's output using instrument cables, having them on both channels.

33/35) SEND/ RETURN 2 If you use effect pedals or rack gear, you can route them using SEND 2 (33) and RETURN 2 (35), connecting the SEND to the input of the effect and the RETURN to the effect's output using instrument cables, having them on both channels.

36)) +4 / -10dB Output Level select switch (+4/-10dB) related to the LINE OUT XLR level

37) GROUND LIFT Occasionally when you're playing live and using the LINE OUT, the soundman will detect a hum from your amp's signal. This is almost always due to a grounding problem related to your power source; you will likely eliminate this hum simply by flipping the GROUND LIFT switch.

38) LINE OUT This output sends the preamp signal to the mixing console, to recording device, DI, etc. The Line Out signal is post reverb and effects connected to the send/return. CAB/Speaker Emulator is assignable at the XLR Line Out using the DV Mark EVO 1 software.

TECHNICAL SPECS

Channels: Two

PASSIVE INPUT: 1x 1/4" mono jack (impedance 1M Ω)

ACTIVE INPUT: 1x 1/4" mono jack (impedance 1M Ω)

AUX IN: 1x 1/8" stereo jack

USB port: USB type B

2 RETURN INPUTS : 2x 1/4" mono jack (impedance 500K Ω)

2 SEND OUTPUTS : 2x 1/4" mono jack (impedance 1K Ω)

SPEAKER OUTPUTS : 2x 1/4" mono jack + 1x Speakon parallel wiring, minimum impedance load 4 ohms

LINE OUT: 1x XLR male balanced (GND Lift switch, +4/-10dB level switch)

PHONES OUTPUT: 1x 1/8" stereo jack

MIDI IN: DIN 5 poles

CONTROLS (for each channel)

Gain / Low / Mid / High / Level / REVERB Level

Amps Selection: 6 for CH1 / 6 for CH2

OTHER CONTROLS (commons)

Channel Switch: CH1 / CH2

Boost Level, Phones Level, Master

MIDI FUNCTIONS

switch CH1/CH2, FX1 ON/OFF, FX2 ON/OFF, BOOSTER ON/OFF, MUTE/TUNER

OUTPUT POWER

250W RMS @ 4 ohms / 150W RMS @ 8 ohms (impedance minimum load 4 ohms)

OTHER

HEIGHT: 3.94 in. / 100 mm

WIDTH: 14.17 in. / 360 cm

DEPTH: 10.04 in. / 255 cm

WEIGHT: 7.72 lbs / 3,5 kg

POWER REQUIREMENT: 100V; 120V; 230V; 240V 50/60Hz (Voltage is factory preset according to region of sale).

DV Mark amps/combos are manufactured to be sold and used in the country of purchase, and are factory preset to that country's voltage. Due to homologation issues, the voltage may not be changed.

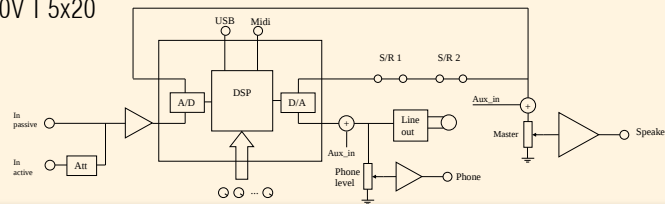
FUSE:

EUROPE 4 A 250V T 5x20

AUSTRALIA/UK 4 A 250V T 5x20

USA/CANADA 8 A 120V T 5x20

JAPAN 10 A 100V T 5x20



EVO1 CONTROLLER

DV MARK CONTROL SW

The optional EVO 1 CONTROLLER allows to switch between CH1 / CH2 and turn ON/OFF the FX1, FX2 and BOOST, plus accessing the TUNER with MUTE function pressing and holding the boost switch.

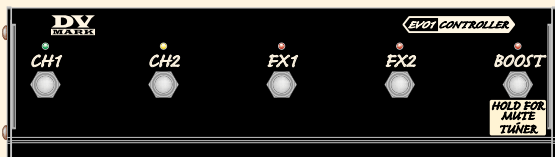
The EVO 1 MIDI port features 9VDC phantom power (200 mA) via MIDI 5 poles cable (all pins connected) to power the EVO CONTROLLER (or MIDI Pedalboard compatible with this voltage/power).

The EVO 1 can be controlled also via programmable MIDI pedalboard as for the MIDI commands listed below:

- TRX MIDI CHANNEL #0
- CH1 Program Change #1
- CH2 Program Change #2
- FX1 Control Change #1 (ON 1 / OFF 0)
- FX2 Control Change #2 (ON 1 / OFF 0)
- BOOST Control Change #3 (ON 1 / OFF 0)
- TUNER Control Change #28 (ON 1 / OFF 0)

The DV Mark EVO Control software is available for FREE DOWNLOAD at www.dvmark.it (for Windows and MAC) and it allows to customize your DV Mark EVO 1 selecting the preferred AMP on each of the six locations of the two channels and the preferred type of reverb (or none) for each channel and its parameters, plus virtual CAB/Speaker Emulator choices (assignable to the XLR Line Out).

- DOWNLOAD the DV Mark EVO Control software and unzip the file, then install the version compatible with your computer.
- Connect the USB port on the rear panel of the DV Mark EVO 1 to a computer using a USB A/B (printer) cable, when the unit is communicating with the software the connection LED on the left bottom side will turn from grey into green.
- To select an AMP in one of the 6 positions of CH1 click on the arrows on its right side and the list of AMPS will be shown, select the desired one clicking on its name, then press STORE; same procedure for CH2.
- To select the reverb type for CH1 click on the arrows on EFFECT section and select the desired one clicking on its name, set the parameters as for your preference and press STORE; same procedure for CH2.



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- To select an AMP in one of the 6 positions of CH1 click on the arrows on its right side and the list of AMPS will be shown, select the desired one clicking on its name, then press STORE; same procedure for CH2.
- To select the reverb type for CH1 click on the arrows on EFFECT section and select the desired one clicking on its name, set the parameters as for your preference and press STORE; same procedure for CH2.
- To select virtual CAB/Speaker Emulator to assign to the XLR Line Out, click on the arrows on CABINET section and select the desired one clicking on its name and press STORE.
- The FIRMWARE button on the right bottom side allows to upgrade the EVO1 amplifier firmware when new updates are released.



EVO CONTROLLER

[illegible]

Product specifications are subject to change without notice

DV MARK

Guitar at its Best!



srl

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