Manuals+ — User Manuals Simplified.

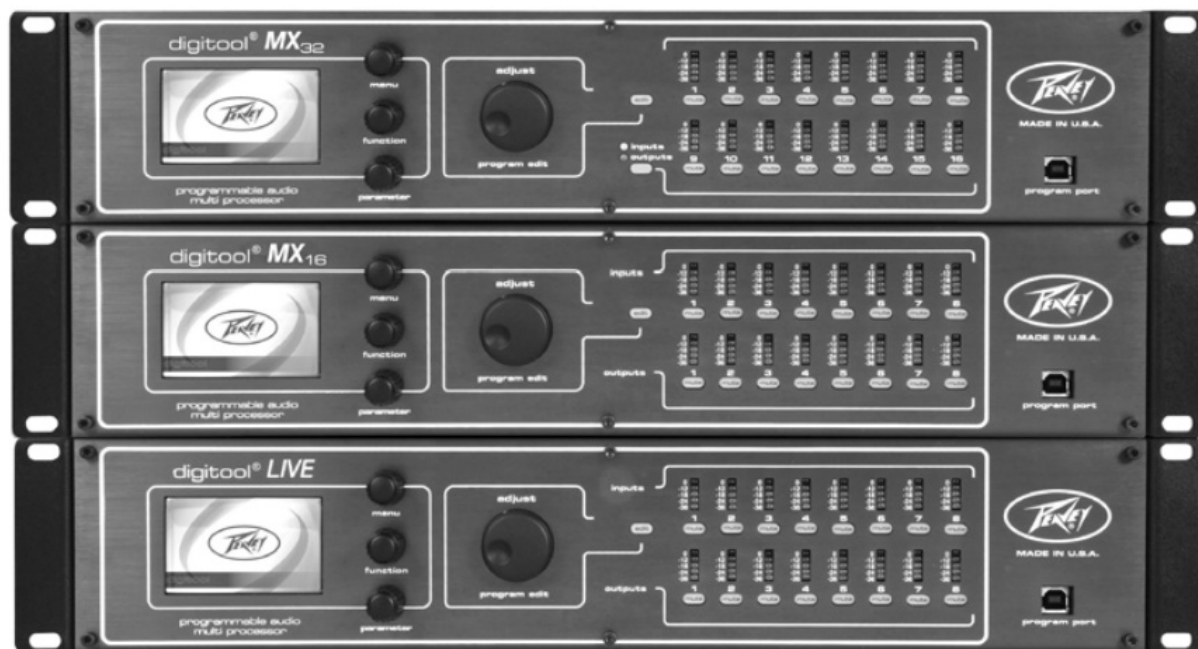# PEAVEY DIGITOOL MX16 Digital Audio Processing Unit Instruction Manual

Contents

PEAVEY DIGITOOL MX16 Digital Audio Processing Unit

Product Information

The operating manual for this product is available at aa.peavey.com and is available in English, Spanish, French, German, Finnish, Swedish, Norwegian, Dutch, Italian, Portuguese, Japanese, Chinese, Korean, and Arabic languages. The product is equipped with a protective earthing terminal to be connected to a mains socket outlet with a protective earthing connection. The product 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.

Product Usage Instructions

1. Read the instructions provided in the operating manual carefully
2. Keep the manual at hand for future reference.
3. Heed all warnings and follow all instructions provided in the manual.
4. Do not use this product near water.
5. Clean the product only with a dry cloth.
6. Do not block any of the ventilation openings and install it in accordance with the manufacturer's instructions.
7. Do not install the product near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
8. Do not defeat the safety purpose of the polarized or grounding-type plug. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
9. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point they exit from the apparatus.
10. Only use attachments/accessories provided by the manufacturer.

11. Use only with a 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.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.

13. 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.

SAFETY INSTRUCTION

- 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.

- Intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

- **CAUTION:** Risk of electrical shock — DO NOT OPEN!

- **CAUTION:** To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

- **WARNING:** To prevent electrical shock or fire hazard, this apparatus should not be exposed to rain or moisture, and objects filled with liquids, such as vases, should not be placed on this apparatus. Before using this apparatus, read the operating guide for further warnings.

- Protective earthing terminal. The apparatus should be connected to a mains socket outlet with a protective earthing connection.

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using electrical products, basic cautions should always be followed, including the following:

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 of the ventilation openings. Install in accordance with 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 plug. The wide blade or third prong is 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 they exit from the apparatus.
11. Only use attachments/accessories provided by the manufacturer.
12. Use only with a 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. Never break off the ground pin. Write for our free booklet "Shock Hazard and Grounding." Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.

16. If this product is to be mounted in an equipment rack, rear support should be provided.

17. Note for UK only: If the colors of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows: a) The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, colored green or colored green and yellow. b) The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black. c) The wire that is colored brown must be connected to the terminal that is marked with the letter L or the color red.

18. This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.

19. The on/off switch in this unit does not break both sides of the primary mains. Hazardous energy can be present inside the chassis when the on/off switch is in the off position. The mains plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

20. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures:

Duration Per Day In Hours	Sound Level dBA, Slow Response
8	90
6	92
4	95
3	97
2	100
1 1/2	102
1	105
1/2	110
1/4 or less	115

According to OSHA, any exposure in excess of the above permissible limits could result in some hearing loss. Earplugs or protectors to the ear canals or over the ears must be worn when operating this amplification system in order to prevent a permanent hearing loss, if exposure is in excess of the limits as set forth above. To ensure against potentially dangerous exposure to high sound pressure levels, it is recommended that all persons exposed to equipment capable of producing high sound pressure levels such as this amplification system be protected by hearing protectors while this unit is in operation.

SAVE THESE INSTRUCTIONS!

DISPOSAL

Correct Disposal of this product. This marking indicates that this product should not be disposed with other house hold wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems, or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

FCC Compliancy Statement

- This device complies with Part 15 of the FCC rules. 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, that may cause undesired operation.
- Warning: Changes or modifications to the equipment not approved by Peavey Electronics Corp. can void the user's authority to use the equipment.
- Note – 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 installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, 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 and 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 to which the receiver is connected.
    - Consult the dealer or an experienced radio/TV technician for help.

The Digitool MX 16, MX32 and Live are a family of digital audio processing units built on the rich history of the original Digitool MX and designed for the audio professional. These products have the power and flexibility to perform loudspeaker management functions in addition to matrix mixing, room combining and other audio processing functions for installed and portable sound systems. Each model features a full-color display screen, front navigation and editing controls, front panel input and output mute buttons and LED meters to simply configuration. They can also be configured using a Windows application via USB or Ethernet.

FEATURES

- Full-color, graphic LCD for easy front panel control
- Windows GuI for setup and control
- 8 mic/line inputs and 8 line outputs (MX16 and LIVE)
- 16 mic/line inputs and 16 line outputs (MX32)
- 48V phantom power switchable on each input
- 5-segment LED meters on inputs and outputs
- Front panel input and output mute buttons
- Stereo aES input MX16 and LIVE (2 stereo aES inputs on the MX32)
- 8 CV "control voltage" inputs that can be programmed as level and mute controls
- rS-485 input for external control of level, mute and preset recall
- Front-panel uSB "B" port for setup

- rear-panel Ethernet port for setup
- Euro terminal block termination on MX16, MX32
- XLr input and output connectors on Digitool LIVE
- rear-panel ears and strap for easy cable management
- Firmware can be field updated
- 100V to 240VaC 50/60 Hz power inlet

PROCESSING FUNCTION INCLUDES

- Full matrix routing with mute and level control at each cross-point
- Input and output filters including: PEQ, hi-shelf, lo-shelf, hi-pass, all-pass and horn-EQ
- Crossover filters to fourth order, including Butterworth, Bessel and Linkwitz-riley alignments
- Delay of up to 2.5 seconds on each input and output with sample period resolution
- Gate and compressor on every input
- Compressor/limiter on every output
- Digitally controlled analog input and output level controls for maximum dynamic range
- 4 audio-triggered, priority mute buses
- automix capability
- Signal generator
- Copy/Paste of input and output settings
- Preset storage and recall (8 internal preset locations)

  This document provides an overview of the features and functions of these products and details pertaining to installation. For additional information pertaining to the processing functions and screen controls, download the Graphical User Interface at http://aa.peavey.com/download/. The Help screens provide useful information.

PROCESSING

- The Digitool® uses a 32 bit, floating-point DSP to perform all signal processing functions. To achieve optimal performance with this product, maintain a strong nominal level below clipping at the input and at the output. Use the HARDWARE, input SENSITIVITY control while observing the input meter to optimize input performance. On the output side, adjust the MATRIX LEVEL OUT while observing the output meter to achieve optimal output conversion. Use the HARDWARE> MAX LEVEL to best match the output to the product being driven.
- The order of the processing functions in the front panel UI and Windows GUI reflects the order those functions are performed in the DSP. For the inputs, the HARDWARE function is always first, and LEVEL TO MATRIX is always last.
- For the outputs, the MATRIX LEVEL OUT is the first process and HARDWARE is last.

SCREEN NEVIGATION

- The three encoders immediately to the right of the screen are used to navigate the front panel interface. The top encoder, labeled "Menu," selects the top level selection of the edit screens. These include UTILITY, MATRIX, INPUT 1-8 or 1-16 and OUTPUT 1-8 or 1-16.
- The second encoder, labeled "Function," selects the sub menu function on the selected screen. For example

users can select hardware or filter band on an input or output. On the matrix screen it moves the cursor horizontally (changes input selection on an output row).

- The third encoder, labeled "Parameter," selects the desired parameter to edit on the selected screen. On the matrix screen, it moves the cursor vertically (changes output selection on an input column).
- The large "Adjust" control is used to edit the selected parameter. The Edit button, located to the right of the knob, must be engaged before the Adjust control can be used. This prevents accidental change of a setting. For the same reason the Edit button will reset to off if the interface is not used for several minutes. Pressing the Adjust encoder also performs editing functions. In the matrix screen, pressing the encoder routes or un-routes the selected cross point. On input and output processing screens, pressing the encoder toggles the bypass of the function. On other screens with channel assignment check boxes such as the oscillator and serial control, pressing the encoder toggles the assignment on/off.
- The colors on the screen also have special meaning. Blue is used to display a parameter value that can be edited. A blue reverse-text box indicates the parameter selected for editing. Red indicates a bypass or mute function. Green text indicates a user-editable label such as a preset or channel name. These labels are created in the UTILITIES, SAVE PRESET screen or the INPUTx and OUTPUTx, NAME "Function" screens.

MUTE BUTTONS

- There are 16 mute buttons on the face of the Digitool®. On the MX16 and LIVE, the top row corresponds to inputs 1-8 and the bottom row to outputs 1-8. On the Digitool MX32, the buttons and meters are labeled 1-16. The input/output button, on the MX32 only, determines if the mute buttons and meters reflect the 16 inputs or 16 outputs.
- The current status of each input or output is indicated by the lighting the mute buttons. If the button is dark, that input or output is not assigned in the mix matrix. If the button is red, it is muted. If the button is green, it is assigned and not muted.

METERS

- As described in the mute button section above, the top row of meters display the input level of the eight inputs in the MX16 and LIVE. On the MX32, the input/output select button determines the function of the meters and mute buttons.
- When inputs are selected (green LED labeled "Inputs" is lit), all 16 inputs are simultaneously displayed. When the yellow "Outputs" LED is lit, all 16 outputs are displayed.
- The input meters indicate the signal level after analog to digital conversion. The input processing does not affect the meter reading. The meter aids in setting the hardware input sensitivity and is referenced to digital full-scale (the input clip point) of the converter. The "0" LED illuminates a couple of dB prior to the onset of clipping to give a warning in advance of actual clipping. The input meter is not affected by the input mute.
- The output meters indicate the signal level just prior to conversion from digital to analog. All processing within the Digitool will be reflected in the meter level. However, the MAX OUTPUT LEVEL, HARDWARE control does not affect the meter. The meter indicates the approximate signal level below the max output level set in hardware. The "0" LED illuminates a couple of dB prior to the onset of clipping to give a warning in advance of actual clipping.
  uSB Port:

- This port can be used for connection to a computer for external setup and control of the Digitool.
- A program for setting and controlling the Digitool is available as a free download on line at
  http://aa.peavey.com/download/. Instructions for download and installation can be found on this site.

DIGITOOL BACK PANEL

AUDIO INPUTS

All of the Digitool® audio inputs are balanced. The input sensitivity can be adjusted in the Input menu under the HARDWARE function. The sensitivity is continuously adjustable from line level to mic. +48 V phantom power can also be enabled on that screen. Remember, it is always a good idea to mute the input whenever you engage or disengage phantom power. Unbalanced sources can be connected to a Digitool input by connecting the signal to the (+) input and shield to (-). If a ground reference is needed for the input source, the shield can also be connected to the ground connection. However, do not engage the +48 phantom power on inputs with unbalanced sources. This could result in damage to that source.

AES INPUt

The Digitool has a stereo AES/EBU receiver that accepts AES3 encoded, stereo digital audio. It has an integrated wide-range sample rate converter that will accept common audio sample rates up to 192 kHz. The converter has a 140 dB dynamic range. The AES input can be selected on the input HARDWARE screen in odd/even channel pairs.

AUDIO OUTPUTS

The audio outputs are servo balanced. This ensures that the output level is the same when driving a balanced or properly connected unbalanced input. The maximum output level produced by a full scale digital signal, measured in dBu, can be set in the OUTPUTx menu, HARDWARE screen. This adjusts the gain of the output circuitry after digital to analog conversion so that dynamic range can be maximized. If it is necessary to drive an unbalanced input, the (+) output terminal is typically connected to the receiving product's signal input and the shield to ground. The (-) output terminal should be connected to ground at the Digitool output terminals.

CONTROL RS-485 Port

- For convenience, there are two RJ-45 connectors connected to the Digitool RS-485 control port. This port is used to connect serial controller products such as the Peavey Architectural Acoustics D1V and D4S. The function of these controllers is programmed within the Digitool and can be used to adjust signal levels, mute signals and recall system presets. The Digitool provides limited power on this connector to supply connected remote modules. See the specifications section for details.
- The D4S has two different control modes. "Switch mode" commands are used to perform mute functions. "Trigger mode" commands are used to recall presets. The D4S and D1V each can serve 4 consecutive device ID numbers (With the dip switches on those control modules set to 1 for example, serial control IDs 1-4 can be controlled by that module. See the manual of the wall control module for details).

CV

- There are eight control-voltage (CV) ports on the rear of the Digitool. These inputs have an internal voltage supply that simplifies connection of an external control. A switch or potentiometer (variable resistor) can be directly connected between the (+) and the GND terminals of a CV input. If a potentiometer is used, a value of 10 k Ohms or less is recommended. Closing the switch, setting the potentiometer for minimum resistance or inputting 0V, sets the selected CV control to maximum level or un-mute.
- The CV input can also be controlled by an external voltage. Driving the + input from a low impedance voltage source, overrides the internal supply allowing the external voltage to take control. The external voltage source should be from 0 to +10 Volts referenced to the ground terminal.

SECUERITY

There are several levels of security that can be activated on your Digitool. These include the ability to lock local editing, remote editing and the front panel mute buttons. The security setup screen is located under the UTILITIES menu. The default password is 1234. When you lock the Digitool, be sure to change the password and store that password in a safe place. If you encounter problems, contact Peavey Digitool support at
aatechsupport@peavey.com

DIGITOOL® MX16/32/LIVE SPECS

- **AUDIO INPUTS:**
    - **Circuitry:** Balanced
    - **Max Input Level:** +24dBu (determined by sensitivity setting)
    - **Max Sensitivity for Full Scale:** -40dBu
    - **Source Select:** Mic/Line, AES-R (even channels), AES-L (odd channels)
    - **Sensitivity Settings:** -39 dBu to +24 dBu in ½ dB steps
    - **Input Impedance:** 24 dBu to -6 dBu sensitivity setting = 10K Balanced (LINE) -7 dBu to -40 dBu sensitivity setting = 2.2K Balanced (MIC)
    - **Phantom Power:** +48V, enabled per channel
    - **Crosstalk:** Better than 70 dB (@ 1k Hz)
    - **Common Mode Rejection:** Better than 70 dB (@1k Hz)
    - **Equivalent Input Noise:** (EIN) -124 dBu 150 Ohm source. 22 Hz to 22 kHz un-weighted

- **ADC Dynamic Range:** 109 dB un-weighted 112 dB A-weighted
- **AUDIO OUTPUTS:**
  - **Circuitry:** Enhanced servo balanced.
  - **Maximum Output Level:** +24 dBu (determined by output level setting)
  - **Max Output Level Settings:** 24 dBu to +24 dBu
  - **Output Impedance:** 100 ohms, balanced, 50 ohms unbalanced
  - **DAC Dynamic Range:** 110 dB un-weighted 113 dB A-weighted
- **I/O CONNECTORS:**
  - **MX16 & 32:** Euro plug 3.81mm (0.150") Pluggable terminal block
  - **Live** : XLR, Pin 2 Hot
- **ANALOG INPUT TO OUT PUT :**
  - **Total Harmonic Distortion:** < .01% Input to Output, one channel assigned, 22-22k Hz BW
  - **Frequency Response:** 10Hz to 20kHz +/- 0.5% dB
  - **Latency:** 1.7 msec (analog input to analog output)
- **METERING:**
  - **Sixteen 5-Segment Arrays:** 8 input and 8 output MX16/LIVE 16 input or 16 output (switchable) MX32
  - **Meter levels (dBFS):** -36 dB, -24 dB, -18 dB (GREEN); -12 dB (YELLOW); 0 dB (RED) Input levels are taken at the ADC outputs, before the mutes. Output levels are taken at the DAC inputs, not at the connectors. (The maximum output level adjustment is after the DAC.)
- **DIGITAL:**
  - **Internal Sample Rate:** 48kHz
  - **AES Input:** Sample rate converted. Accepts 24 kHz to 192 kHz sample rates
  - **Delay:** Up to 2.5 Seconds on every input and output with 20.8 uS resolution.
  - **Distance calculation on delay screens based on speed of sound:** 1130 ft/Sec
- **CONTROL:**
  - **Serial (RS-485):** Half-Duplex 57.6 kBaud, 1 port with 2 multiple drop RJ-45 connectors. +15V, 250mA power is provided on the connector. (+15V pin 4, Gnd pin 5) If more power is required, it must be externally sourced.
- **ETHERNET**
  - **USB:** 2.0 Full speed, "B" connector
  - **CV Inputs:** 0 to 10V with an external voltage applied, or remote passive potentiometer
- **GENERAL:**
  - **Dimensions:** 19" W x 13.125" D x 3.5" H (48.26cm x 33.34cm x 8.89cm)
  - **Shipping:** 22.5" x 21" x 6.625" carton, 15 lbs
  - **Net Weight:** 11 lbs. (5 kg)
  - **AC Power Input** Voltage: 100 VAC to 240 VAC, 47Hz to 63Hz universal power supply
  - **Power Consumption:** 20Watts (MX16/LIVE), 35Watts (MX32)

PEAVEY ELECTRONICS CORPORATION LIMITED WARRANTY

Effective Date: 11/01/2011

- **What This Warranty Covers**

  Your Peavey Warranty covers defects in material and workmanship in Peavey products purchased and

serviced in the U.S.A. and Canada.

- **What This Warranty Does Not Cover**

  The Warranty does not cover: (1) damage caused by accident, misuse, abuse, improper installation or operation, rental, product modification or neglect; (2) damage occurring during shipment; (3) damage caused by repair or service performed by persons not authorized by Peavey; (4) products on which the serial number has been altered, defaced or removed; (5) products not purchased from an Authorized Peavey Dealer.

- **Who This Warranty Protects**

  This Warranty protects only the original purchaser of the product.

- **How Long This Warranty Lasts**

  The Warranty begins on the date of purchase by the original retail purchaser. The duration of the Warranty is as follows:

Product Category	Duration
Guitars/Basses, Amplifiers, Preamplifiers, Mixers, Electronic Cross overs and Equalizers	2 years *(+ 3 years)
Drums	2 years *(+ 1 year)
Enclosures	3 years *(+ 2 years)
Digital Effect Devices and Keyboards and MIDI Controllers	1 years *(+ 1 year)
Microphones	2 years
Speaker Components (incl. Speakers, Baskets, Drivers, Diaphragm Replacement Kits an d Passive Crossovers)	1 year
Tubes and Meters	90 Days
Cables	Limited Lifetime
AmpKit Link, Xport, Rockmaster Series, Strum'n Fun, RetroFire, GT & BT Series Amps	1 year
Marvel Jr. Guitar	90 Days

[* Denotes additional Warranty period applicable if optional Warranty Registration Card is completed and returned to Peavey by original retail purchaser within 90 days of purchase.]

- **What Peavey Will Do**

  We will repair or replace (at Peavey's discretion) products covered by Warranty at no charge for labor or materials. If the product or component must be shipped to Peavey for Warranty service, the consumer must pay initial shipping charges. If the repairs are covered by Warranty, Peavey will pay the return shipping charges.

- **How To Get Warranty Service**
  1. Take the defective item and your sales receipt or other proof of date of purchase to your Authorized Peavey Dealer or Authorized Peavey Service Center.
     OR
  2. Ship the defective item, prepaid, to Peavey Electronics Corporation, International Service Center, 412 Highway 11 & 80 East, Meridian, MS 39301. Include a detailed description of the problem, together with a copy of your sales receipt or other proof of date of purchase as evidence of Warranty coverage. Also provide a complete return address.

Limitation of Implied Warranties

- ANY IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.
- Some states do not allow limitations on how long an implied Warranty lasts, so the above limitation may not apply to you.

Exclusions of Damages

- PEAVEY'S LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE PRODUCT, AT PEAVEY'S OPTION. IF WE ELECT TO REPLACE THE PRODUCT, THE REPLACEMENT MAY BE A RECONDITIONED UNIT. PEAVEY SHALL NOT BE LIABLE FOR DAMAGES BASED ON INCONVENIENCE, LOSS OF USE, LOST PROFITS, LOST SAVINGS, DAMAGE TO ANY OTHER EQUIPMENT OR OTHER ITEMS AT THE SITE OF USE, OR ANY OTHER DAMAGES WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE, EVEN IF PEAVEY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
- Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.
- This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state.
- If you have any questions about this Warranty or services received or if you need assistance in locating an Authorized Service Center, please contact the Peavey International Service Center at (601) 483-5365.
- Features and specifications are subject to change without notice.

U.S. CUSTOMER WARRANTY REGISTRATION

- Optional Product Extended Warranty Registration
- Give us some information and put your extended warranty into effect!
- Please take a few minutes to fill out this information/survey sheet to help us get to know and serve you better.
- To save time, submit your warranty registration online at **www.peavey.com/support/warrantyregistration**

1.

_____   ____   _____
First Name   Initial   Last Name

_____
Street Address

_____

_____   _____   _____
City   State/Province   Postal Code

(_____) _____   _____
Telephone Number   E-mail Address

(_____) _____   _____ - _____ - _____
Fax Number   Date of birth

Gender   ❏ M   ❏ F

2.

Model _____   Serial # _____

_____   _____
Date of Purchase   Price Paid

3.

_____
Name of store where purchased

_____   _____
City   State

4. Top two (2) reasons why you purchased from this store/dealer:

❏ Availability of product   ❏ Past favorable experience
❏ Friend/Relative's recommendation ❏ Best price
❏ Store credit card   ❏ Advertised special
❏ Knowledgeable staff   ❏ Convenient location
❏ Availability of lessons   ❏ Received as a gift
❏ Technical instruction   ❏ Other _____

5. Where do you most often shop for music and sound products?

❏ Independent retailer   ❏ Newspaper ads
❏ Mass market retailer   ❏ Internet/Web sites
❏ Mail order magazines   ❏ Other _____

6. What two (2) factors most influenced your purchase of this product?

❏ Peavey brand name   ❏ Product appearance
❏ Craftsmanship   ❏ Durability
❏ Features for price   ❏ Prior experience with Peavey
❏ Bundled accessories   ❏ Packaging
❏ Sound quality   ❏ Other _____

7. How did you learn about this Peavey product? *(select best answer)*

❏ Magazine review   ❏ Teacher's recommendation
❏ Newspaper review   ❏ Catalog or flyer
❏ Radio advertisement   ❏ Saw in store
❏ Advertised special   ❏ Use by professional
❏ Friend/Relative's recommendation ❏ Other _____
❏ Salesperson's recommendation

8. Which other brands/models did you consider?

_____

_____

9. How would you describe your level of musicianship/technical expertise?

❏ Beginner - Never played or taken less than one (1) year of lessons
❏ Intermediate - One (1) to five (5) years of lessons or playing
❏ Advanced - More than five (5) years of lessons or playing; play professionally

10. Education: *(select best answer)*

❏ High school
❏ Some college
❏ Completed college
❏ Graduate school

11. Which best describe your family income? *(select best answer)*

❏ Under $15,000   ❏ $75,000 - $99,999
❏ $15,000 - $24,999   ❏ $100,000 - $149,999
❏ $25,000 - $34,999   ❏ Over - $150,000
❏ $35,000 - $49,999
❏ $50,000 - $74,999

12. Which of the following is your primary source of information on musical products: *(select best answer)*

❏ Television   ❏ Mail order catalogs
❏ Radio   ❏ Direct mail
❏ Internet   ❏ Literature from manufacturer
❏ Newspaper   ❏ Other _____
❏ Magazines

13. What is your main motivation for buying new equipment?

❏ Replacing old product   ❏ Impulse
❏ Want new and leading edge   ❏ Need for improved performance
   equipment   ❏ New technology
❏ Fullfill a specific need   ❏ Availability of product
❏ Supplement existing products   ❏ Other _____
❏ Value

14. Please list your three most frequently visited Web sites.

1. http://_____
2. http://_____
3. http://_____

15. In your opinion, what could Peavey do to improve its products and/or service? Please use the space below to tell us your answer.

_____
_____
_____

ABOUT COMPANY

- Features and specifications subject to change without notice.
- Peavey Electronics Corporation
- 5022 Hartley Peavey Drive
- Meridian
- MS
- 39305 (601) 483-5365
- FAX (601) 486-1278
- **www.peavey.com**
- ©2012
- 31700076

Documents / Resources

PEAVEY DIGITOOL MX16 Digital Audio Processing Unit [pdf] Instruction Manual
86371, DIGITOOL MX16, DIGITOOL MX16 Digital Audio Processing Unit, Digital Audio Processing Unit, Audio Processing Unit, Processing Unit

References

- 🌐 **Peavey Commercial Audio**
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- **Peavey Electronics Corporation**
- **Support**