

# Revision Notes for the Digitool® PC Graphical Interface and Digitool Firmware for the MX 16, Live and MX 32

## Digitool HD Graphical User Interface

The Digitool HD Graphical User Interface allows the user to configure the Digitool Mx 16, MX 32 and Live using a Windows PC.

The interface requires a minimum 1024 x768 screen resolution.

There are separate installers for Windows 32 bit and 64 bit computers. Be sure to select the appropriate download.

### To install:

- Download the appropriate install file (32 or 64 bit) for your PC.
- Expand the zip file into a convenient location on your computer.
- Run "setup.exe" to install
- Follow the instructions on the screen.

If you encounter an error running Digitool HD after installing a new version, re-run the installer (setup.exe) and select repair install.

Depending on your version of Windows OS, the first time you connect a Digitool after installing Digitool HD GUI a window may appear alerting you that new hardware has been found and asking for action. In the new hardware wizard select "install the software automatically" and click next to complete the USB driver installation.

## Digitool HD Graphical User Interface Updates

### Digitool HD GUI Version: V1.13 Installer 1.13.29.0

- Changed Frequency control resolution below 1000 Hz to match Digitool front panel.
- Increased the range of the Input and output filter bandwidth to 0.01 to 3.0 Octaves to match change in Digitool firmware. MX 16 and Live Version 1.34 and MX 32; V1.38.
- Added load default factory control settings to the load preset list.
- Gui no longer prompts the user to save settings before connecting if the settings match.
- Added D4S and D1V setup information to help file
- Output compressor was loading incorrect values. Fixed
- Rescaled the gain knobs to make 0 dB at 12:00.
- Help would not load after opening \*.dig file. Fixed
- GUI would lock up or crash if a preset was saved or loaded after a specific sequence of adjustment and processing window access. Fixed
- \*.Dig file did not correctly save Serial and CV control assignments. Fixed
- Made minor interface improvements on the utilities page
- Input and output compressors now default to bypass to match Digitool

- Fixed display problem with Mic/Line button under Windows XP
- Fixed problem with accessing box to direct type numeric values when the box was to the left of the knob.
- Graphing of LP, HP, Allpass and Horn filters did not reflect changes to the gain control. Fixed

### **Digitool HD Graphical user Interface Version: V1.11 Installer 1.11.9.0**

- Corrected output Mute control mismatch between Digitool MX32 hardware and GUI.

### **Digitool HD Graphical User Interface Version: V1.09 Installer 1.9.5.0**

- Added Graphical display of EQ response in the input and output processing screens.
- Added a Crossover display window. Crossover display can be selected by clicking the Link icon twice so that it shows an X between channels. Opening the output processing window for any of the crossover linked outputs, opens a window that displays all of those outputs along with their response graphs.
- Improved the interaction with the RS 485 serial controllers. The matrix cross points are now gray when un-routed, green when routed and red when muted by a remote CV or serial control device.

## **Digitool Firmware**

### **To install:**

- Download the latest firmware version for your Digitool product
- Unzip the file to a convenient location on your PC
- Launch Digitool HD Graphical user Interface
- Connect the USB cable to the Digitool
- Turn the Digitool on while holding down the "Edit" button.
- Follow the instructions on the screen.

## **Digitool MX 16 and Live Firmware Updates**

### **Digitool MX16 and Live Firmware version 1.36**

- Fixed issue where after a power cycle, if you changed the input or output delay, it would add to the previous value before the power cycle
- Fixed issue where input filters 2 and 5 were defaulting to shelving filters instead of PEQ after a firmware update
- Fixed issue where the Q/BW of all filters were defaulting to incorrect value after firmware update

## Digitool MX16 and Live Firmware version 1.34

- Increased the range of the Input and output filter bandwidth to 0.01 to 3.0 Octaves
- Changed Clear matrix in the Utility load menu so that matrix levels are reset to Unity (0 dB)
- Corrected problem with AES input selection. The AES input would not always pass audio after power cycling.

## Digitool MX16 and Live Firmware version 1.30

- Fixed communication problems encountered when multiple digitools share the same RS485 bus.
- Fixed AES input bug so that only one channel pair shows active on the MX16 and Live (2 pairs on MX32, 1 for 1-8 and 1 for 9-16).

## Digitool 16 and Live Firmware version 1.25

- Fixed the problem where Remote serial devices could not raise level controls above +3 dB.
- Fixed the interaction Digitool and GUI in response to mute commands from RS485 devices.
- Added RS485 communication to update RS 485 serial controllers when the Digitool is powered on and when a target control is adjusted on the front panel or via the GUI.

## Digitool MX 32 Firmware Updates

### Digitool 32 Firmware version 1.45

- Fixed issue where after a power cycle, if you changed the input or output delay, it would add to the previous value before the power cycle
- The issue regarding input processes being mirrored on the other input bank was fixed
- The issue where Gate/Automix parameters would corrupt input filters 2 and 3 on a preset load was fixed
- Fixed issue where input filters 2 and 5 were defaulting to shelving filters instead of PEQ after a firmware update
- Fixed issue where the Q/BW of all filters were defaulting to incorrect value after firmware update
- Fixed minor serial control bug regarding targets In N -> Out X
- Fixed minor serial control bug regarding targets In X -> Out N

### Digitool 32 Firmware version 1.38

- Increased the range of the Input and output filter bandwidth to 0.01 to 3.0 Octaves
- Changed Clear matrix in the Utility load menu so that matrix levels are reset to Unity (0 dB)
- Fixed a minor serial controller bug for targets X->9 through X->16
- Fixed the bug where loading the default preset actually loaded preset 1
- Corrected problem with AES input selection. The AES input would not always pass audio after power cycling.

