DMC.micro

User Manual
v1.02b

Revision History:
v1.02   11/16/2018
Added support for several new devices
Fixed some issues with Utility Mode

v1.00c   12/24/2017
Corrected an error in the setup mode

v1.00b   12/11/2017
Corrected an error in the MID-2 setting description

v1.00 12/4/2017
Initial Release

DMC.micro User Manual

Thanks for purchasing a Disaster Area Designs DMC.micro controller. The DMC.micro is our smallest MIDI controller, but don't let its size fool you - it packs quite a punch!

Let's take a look at the DMC.micro and see what it can do for your rig:

Left Button

Tap to activate left function

Hold to activate ALT function

Right Button

Tap to activate right function

Hold to advance to next Page

LED Display shows current preset or status

Left LED shows left status (BLUE) and ALT status (RED.)

Right LED shows right status (BLUE.)

DC Power:
9V, 64mA minimum

MultiJack:
Connects to expression pedal, foot switch, MIDI, tap tempo, and more

MIDI Port:
Standard MIDI OUT on pins 4&5
MIDI INPUT on pins 1&3

USB Mini-B
USB MIDI for computer or iPad, USB HOST for other USB devices

Setting Up the DMC.micro

Setting up a pedalboard or rig with several MIDI devices is kind of like introducing some friends to each other.

You: "Hi, MIDI controller, this is Pedal."
You: "And Pedal, this is MIDI controller."
Pedal: "Pleased to meet you!"
MIDI Controller: "Nice to meet you, too!"

Seems pleasant enough, right? So there's no need to stress out, we're here to help make it an easy process. Here's what to do:

1. Figure out which MIDI devices you want to connect to the DMC.micro
2. Make sure you have the correct cabling to hook everything up
3. Tell the DMC.micro what you're hooking up - this is the part where you said, "Hi, MIDI controller, this is Pedal."
4. Tell your pedals about your MIDI control needs - this is the part where you said, "And Pedal, this is MIDI controller."

Not too bad, right? Let's take it step by step.
Connecting your MIDI devices: MIDI connections come in one of three forms - 5-pin DIN, 1/4", or USB.

(Yes, these are ALL MIDI Jacks!)

In order to connect your device or devices to the DMC.micro you will need the correct cabling! **The DMC.micro may control up to THREE MIDI devices in any combination.** For example, three devices chained to the 5-pin port, or two 1/4" devices and one USB.

Here's a handy chart to help you figure out what you need:

Connection Type	Cable Type	Connects To	Configuration Menu
5-pin DIN (1, 2 or 3 devices total)	MIDI Cable	DMC MIDI port	
1/4" Meris, Empress, Alexander	1/4" patch cable	MultiJack	Configure JACK = MIDI
1/4" Chase Bliss	MJ-CBA	MultiJack	Configure JACK = MIDI
2x 1/4" Meris, Empress, Alexander	MJ-Y	MultiJack	Configure JACK = MID2
2x 1/4" Chase Bliss	MJ-Y-RP2	MultiJack	Configure JACK = MID2
Chase Bliss & Meris, Empress, Alexander	MJ-Y-RP1	MultiJack	Configure JACK = MID2
USB MIDI / Zoom	USB + gHOST Adaptor	USB Port	Configure USB = HOST

The MIDI port can connect to multiple devices by "daisy-chaining" them from input to output. For example, if you wish to connect both a Timeline and a BigSky to your DMC.micro, simply plug one MIDI cable from the DMC MIDI port to the MIDI input of your Timeline. Plug a second MIDI cable from the Timeline's MIDI output to the MIDI input of the BigSky. You may connect up to three MIDI devices to the DMC.micro MIDI port.

The MultiJack may connect to one or two MIDI devices, depending on the cable you have connected, see the chart above.

The USB port may connect to one MIDI device, by using the gHOST Adaptor cable plus the correct type of USB cable.

(Setting up the DMC.micro, continued)

Once you have plugged in all of your cables, it's time to introduce the DMC.micro to your devices. Power on the DMC and hold the left button to enter the Setup menu. Release the button when you see the word "SETUP" scroll across the screen.

Tap the left or right buttons to navigate through the setup menu options.
Hold the left button to enter or exit from the menus.
Hold the right button to save and exit setup.

First, navigate to the **dev** menu. This item tells the DMC how many MIDI devices you would like to control. Hold the left button, then use the left or right buttons to select either one device (**devA**,) two devices (**devB**,) or three devices (**devC.**) Hold the left button again to exit the **dev** menu.

Once you have decided the number of MIDI devices you're controlling, you need to tell the DMC what those devices actually are! So navigate to the **devA** menu and pick the device you want to use. Check the Supported Device section at the end of this manual for full details of each device.

Scroll through the available devices until you see the Menu code that matches what you want to hook up, then hold the left button to accept and return to the main menu. Repeat this for each device you have connected.

If you are connecting any devices to the MultiJack or the USB port, please navigate to those menus and set them up according to the chart in the previous section.

If you are using the MutliJack to send MIDI, then go to the **JACK** menu and set it to either MIDI or MID2 as indicated by the previous chart. You'll also need to set the MultiJack DIP switches inside the DMC.micro to **ON-ON-ON.**

If you are using the USB port, set the **USB** menu to HOST.

Hold the right button to save the configuration and exit.

(Setting up the DMC.micro, continued)

Finally, you'll need to set up your MIDI devices to recognize the commands that the DMC.micro is sending. This step represents the part of the "conversation" where you introduce your pedal to the MIDI controller.

This step is different for every type of MIDI device, so the best thing to do is consult the user manual for your device. What we need to do is to assign each device to the correct MIDI channel, and in some cases map the other control parameters including bypass, tap tempo, and expression input.

We've included some handy info to help you configure the most common devices. If you don't see your device listed, don't panic! Just check its instruction manual to find out how to change its MIDI channel. The pedal you want to use as Device A should be assigned to MIDI channel 1, Device B should be MIDI channel 2 and of course Device C should be MIDI channel 3.

STRYMON

Strymon devices need to be configured correctly in order to pass incoming data through to the next device in line. They also need to be set up in order to maintain bypass "trails" and to use the Timeline looper.

Strymon Timeline: Enter the Globals menu and configure as follows:

      MIDITH = ON   MIDIPA = OFF   MIDICT = OFF

      MIDICH (Must match device selection - 1 for DevA, 2 for DevB, etc.)

      LPEXIT = PLAY   BYPASS = BUFBYP

Strymon Mobius and BigSky: Enter the Globals menu and configure as follows:

      MIDITH = ON   MIDIPA = OFF   MIDICT = OFF

      MIDICH (Must match device selection - 1 for DevA, 2 for DevB, etc.)

BYPASS = BUFBYP (recommended for BigSky, optional for Mobius)

CHASE BLISS AUDIO

Chase Bliss devices must be set to receive on the correct channel in order to operate with the DMC.micro:

Make sure that the DMC.micro is set to talk to a Chase Bliss pedal on the device (DevA, DevB, DevC) you'd like to use.

Then, make sure that you've got your DMC.micro hooked up to your Chase Bliss with the correct type of cable as described above. This will either be an MJ-CBA cable, or a MJ-Y-RP1 / RP2, or using a TRS cable with the Chase Bliss / Disaster Area MIDIBox. It'll all need to be connected before you get to the next step.

Power the DMC.micro on and navigate to the Device mode for the device you want to use, either A, B, or C.

Power on the Chase Bliss pedal while holding both of its foot switches.

Tap the right button until the center LED on the Chase Bliss pedal starts changing colors - this will indicate that the Chase Bliss pedal is receiving MIDI and is assigned to the correct channel

(setting up the DMC.micro, continued)

EVENTIDE (H9, SPACE, TIMEFACTOR, MODFACTOR, PITCHFACTOR)

Eventide devices have a robust MIDI mapping capability, but none of their functions are set from the factory. In order for these devices to recognize the commands we send, a few parameters must be set in their MIDI menus

If using H9 Control, navigate to Pedal -> MIDI Settings -> MIDI Channel
Set MIDI Receive Channel match device selection - 1 for DevA, 2 for DevB, etc.
Navigate to Pedal -> MIDI Settings -> Assign MIDI CC Messages.
Map Tap Tempo to MIDI CC 44
Map Performance Switch to MIDI CC 46
Map Toggle Tuner to MIDI CC 69
Map Activate to MIDI CC 42
Map Set Expression Pedal Value to CC 48

If using the MIDI menu on the device itself:

Navigate to RCV CHANNEL and set to match device selection - 1 for DevA, 2 for DevB, etc.

Navigate to the RCV CTL menu and set the following
TAP C42
HOTSW C46
ACTIVE C42
PEDAL C48

If you plan to use the looper on the H9 or Timefactor, set the following:

Looper - Record	MIDI CC 87
Looper - Play	MIDI CC 86
Looper - Stop	MIDI CC 85
Looper - Empty	MIDI CC 90
Looper - Flip Direction	MIDI CC 94
Looper - Flip Octave	MIDI CC 95

BOSS DD-500

Most of the default settings for the DD-500 are correct, but you will have to set up a few things to get the DD-500 to talk to the DMC Gen3. The DMC Gen3 sends the MIDI command to activate CTL1 when its Tap Tempo is activated, and CTL using the Performance Switch / Latching command.

To set the DD-500 to receive on a channel other than 1 (default) press Edit to enter the Edit menu.

Navigate to MIDI, then set Rx CHANNEL to the desired setting. If you want the DD-500 as the "B" device, then this should be set to 2, "C" device is 3, etc.

Ensure that PC IN and CC IN are both set to ON. The remaining settings should be correct.

To set up the DD-500 to receive tap tempo, press Edit to enter the Edit menu. Navigate to CONTROL, then set CTL1 Func to TAP. Set CTL1 PREF to SYSTEM to enable tap tempo in all presets.

Using the DMC.micro

Now that we have gotten all of your devices set up, it's time to actually USE this crazy thing!

The DMC.micro functions are spread across several **Pages**, which may be turned on or off depending on how you'd like to use the controller.

The normal flow of Page navigation goes like this:

PRESET → DEV A → DEV B → DEV C → LOOPER → UTIL
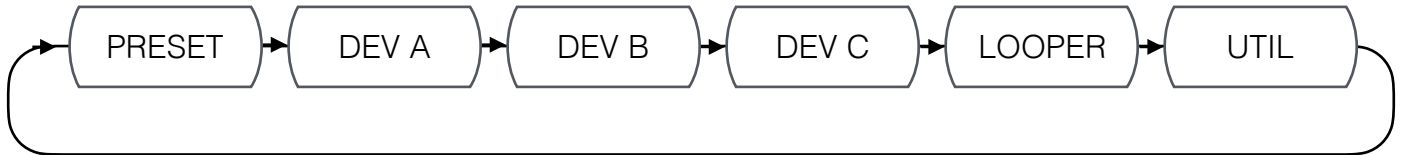
To move to the next page, just hold down the right button on the DMC.micro - we've marked it **(hold page)** on the DMC itself. If you don't need or want to use a certain page, you can disable it easily in the DMC setup menu.

To disable Preset mode, set PRST = OFF. If you'd like to use Preset mode, set PRST equal to the number of presets you'd like to use, up to 99.

To assign or disable the Device A, B, and C pages, set the DEV menu. DEV = OFF will disable all Device modes. DEV = DEVA will enable only the Dev A page, DEV = DEVB will enable Dev A and Dev B, and DEV = DEVC will enable all three Device pages.

To configure the Looper page, set the LPR menu to match the device that you'd like to use for looping. For example, if you have a Timeline connected to the DMC.micro as Device A that you'd like to use, just set LPR = DEVA in the setup menu. If you don't want to use the Looper page, configure LPR = OFF in the setup menu.

To enable or disable the Utility mode, set UTIL in the setup menu. UTIL = OFF will disable the Utility page.

PLEASE NOTE that you must have at least one page activated in order to use the DMC.micro. If you accidentally disable all of the pages, the DMC.micro will boot and then just hang! Go back into setup and enable something!

Preset Mode

This is really the heart of the DMC.micro - we've designed it to be as simple as possible, but it's a really powerful tool for performance.

Let's say that you're playing the verse of a song, and you need to go from a tight rhythmic delay to a big, ambient pad sound for the chorus. Depending on which patches you're using on your delay pedal, you might have to press four or five buttons to move from one tone to the next. If you've got the DMC.micro programmed, then changing between these sounds could be a single tap like changing channels on your TV.

Here's how it works: The Preset Mode stores the status of each of your connected MIDI devices into the DMC.micro memory. When you press the left or right buttons, the DMC will load up its stored data and then send out the correct programs and commands to your MIDI devices. It sounds complicated but all you have to do is tap a single button.

Here's how to set and save a preset: Load up the preset you'd like to set and save on the Preset page.

Go to the Device page for your first MIDI pedal. Tap the left or right buttons until you get to the sound you want to use. If you'd like to bypass or engage the pedal, hold the left button - the red LED on the left will light up to show that the pedal is ON. The dots on the display also show the status of the A, B, and C devices.

Repeat for your other MIDI pedals. When you have everything sounding right, go back to the Preset page and HOLD the left button to save. The display will flash SAVE and you're done!

NOTE: You must use the Device pages to select the programs for your devices. If you use the buttons on your devices themselves, the DMC.micro has no idea what you're doing!

Disaster Area Designs   DMC.micro   Gen3

Device Modes - A, B, and C

These modes are designed to get you quick access to the programs and bypass / engage functions on your MIDI pedals. We also use these modes to change the programs that the DMC.micro will use for its presets if the Preset mode is enabled.

This is pretty simple stuff, and we're sure you can manage these on your own, but just in case you want the full details here is how it all works:

Tap the left button to go back / down one program on your device.
Tap the right button to go forward / up one program on your device.
Hold the left button to engage or bypass your device.

The left LED will light RED to show the status of the current device, and the dots (…) on the display will also show the bypass / engage status of the A, B, and C devices.

Looper Mode

This is kind of a special case mode, and it only works with certain devices. At this time, the following devices have looper support:

Strymon Timeline, Line 6 M9, Line 6 M13, Line 6 HX Effects, Line 6 HX Stomp, Eventide Timefactor, Eventide H9.

The Timeline and Line 6 loopers M-series work "in the background," and are available at any time whether the looper is selected on the device itself.

The HX Effects and HX Stomp loopers also work in the background but you must be sure to place a looper block in the current preset on your device, otherwise you can't loop.

The Eventide loopers require the user to load a preset with the Looper algorithm before any looping can occur.

LEFT BUTTON:

Tap to start recording.
Tap while recording to set loop length and start overdubbing.
Tap while overdubbing to toggle between overdub and play.

HOLD while playing to engage undo / redo

RIGHT BUTTON:

Tap to play the loop.
Tap while playing to stop the loop.

If the loop is stopped, it will be cleared on the next RECORD action.

Utility Mode

The final mode on the DMC.micro is for the tweakers - this mode allows you to send just about any MIDI message you want to your devices. It requires some careful setup, but once that's done you've got all kinds of control!

To use Utility Mode, enter the DMC setup and configure UTIL = ON.

Next, you will need to set up the Utility parameters you'd like to use.

U Lt   **Utility Mode, Left Button Message Type.** This sets the type of message that the left button will send.
        ONE: MIDI CC message will be sent with the same value each time the button is pressed.
        TOGG: MIDI CC message will be sent with two alternating values when the button is pressed.
        NOTE: MIDI Note on and note off message will be sent when the button is pressed.
        b UP: Bank up message will be sent for Strymon devices.
        b DN: Bank down message will be sent for Strymon devices.
        TAP: Tap tempo message will be sent - the DMC.micro knows which messages are required for this!

U Ln   **Utility Mode, Left Button Message Number.** This sets the MIDI CC controller number or MIDI note number that the left button will send. Ranges from 0-127.

U LL   **Utility Mode, Left Button Low Value.** This sets the MIDI CC lower number for use with the Toggle message type.

U LH   **Utility Mode, Left Button High Value.** This sets the MIDI CC upper value for use with the Toggle message type, or the value sent for the ONE shot message type. Also sets the velocity of the MIDI note sent for the NOTE message type.

U LC   **Utility Mode, Left Button Channel.** This sets the MIDI channel or channels that the left button will use to send messages. The channel is indicated with the letters A, B, C. If you wish to send a message to the A, B, or C device its letter must be shown. If a zero is shown in a particular location, that channel will not receive the messages from this button. For example, U LC = AB0 means that the left button in Utility Mode will send MIDI messages to Devices A and B but not to Device C.

U r t   **Utility Mode, Right Button Message Type.** This sets the type of message that the right button will send.
        Options are identical to the Left Button Message Type above.

U r n   **Utility Mode, Right Button Message Number.** This sets the MIDI CC controller number or MIDI note number that the right button will send. Ranges from 0-127.

U r L   **Utility Mode, Right Button Message Low Value.** This sets the MIDI CC lower number for use with the Toggle message type.

U r H   **Utility Mode, Right button High Value.** This sets the MIDI CC upper value for use with the Toggle message type, or the value sent for the ONE shot message type. Also sets the velocity of the MIDI note sent for the NOTE message type.

U r C   **Utility Mode, Right Button Channel.** This sets the MIDI channel or channels that the right button will use to send messages. The options are identical to the Utility Mode Left Button Channel above.

U At   **Utility Mode, Alternate Button Message Type.** This sets the type of message that the left button will send *when held down*.
        ONE: MIDI CC message will be sent with the same value each time the button is pressed.
        TOGG: MIDI CC message will be sent with two alternating values when the button is pressed.
        NOTE: MIDI Note on and note off message will be sent when the button is pressed.
        b UP: Bank up message will be sent for Strymon devices.
        b DN: Bank down message will be sent for Strymon devices.

U An   **Utility Mode, Alternate Button Message Number.** This sets the MIDI CC controller number or MIDI note number that the left button will send *when held*. Ranges from 0-127.

U AL   **Utility Mode, Alternate Button Low Value.** This sets the MIDI CC lower number for use with the Toggle message type.

U AH   **Utility Mode, Alternate Button High Value.** This sets the MIDI CC upper value for use with the Toggle message type, or the value sent for the ONE shot message type. Also sets the velocity of the MIDI note sent for the NOTE message type.

U AC   **Utility Mode, Alternate Button Channel.** This sets the MIDI channel or channels that the left button will use to send messages *when held*. The options are identical to the Utility Mode Left Button Channel above.

Finally, save and exit setup. Navigate to the UTIL page and you're done! Tap the left or right button to send the messages you chose in setup, or hold the left button to send the Alt messages. If any of your message types are set to TOGGle, the DMC LEDs will light to show the toggle status.

Setup Menu

We've covered some of the more common setup tasks throughout this manual, but here is the full Setup reference in case you want to dive in deep and really get to the nuts and bolts of your DMC.micro.

To enter Setup, hold the LEFT button on the DMC.micro when "DISASTER AREA" scrolls on the display. Release the button when you see "SETUP" scroll.

Tap the left or right buttons to navigate through the setup menu.
Hold the left button to enter or exit a sub-menu.
Hold the right button to save the setup and exit.

PRST:　Sets the number of presets available in Preset Mode. Ranges from 1-99. Set to OFF to disable Preset Mode.
P CH:　Sets the MIDI channels on which Preset Mode will send messages. A, B, or C in any combination.

DEV:　Sets the number of active Device Mode pages. A, A+B, or A+B+C. Set to OFF to disable all Device Modes.
DEVA:　Configures the device driver type for the A device. Please consult the table at the end of this manual for full details.
DEVB:　Configures the device driver type for the B device. Please consult the table at the end of this manual for full details.
DEVC:　Configures the device driver type for the C device. Please consult the table at the end of this manual for full details.

LPR:　Sets the device that the DMC will use for looper control. A, B, or C. Set to OFF to disable Looper Mode.

UTIL:　Enables or disables the Utility Mode.

Please consult page 10 for more details on Utility Mode settings!
U LT:　Utility Mode, left button message type.
U LN:　Utility Mode, left button message number.
U LL:　Utility Mode, left button message low value.
U LH:　Utility Mode, left button message high value.
U LC:　Utility mode, left button message channels.

U RT:　Utility Mode, right button message type.
U RN:　Utility Mode, right button message number.
U RL:　Utility Mode, right button message low value.
U RH:　Utility Mode, right button message high value.
U RC:　Utility mode, right button message channels.

U AT:　Utility Mode, alternate (left hold) button message type.
U AN:　Utility Mode, alternate (left hold) button message number.
U AL:　Utility Mode, alternate (left hold) button message low value.
U AH:　Utility Mode, alternate (left hold) button message high value.
U AC:　Utility mode, alternate (left hold) button message channels.

Please consult page 12 for more details on MultiJack settings!
JACK:　MultiJack configuration.
J UR:　MultiJack Utility CC number.
J CH:　MultiJack Channel assignment.

BRT:　Display Brightness. Controls both display and the status LEDs. Ranges from 0-9.

HOLD:　Button Hold Time.   Sets how long the user must hold a button to trigger the hold or alt function. Lo, Mid, High.

USB:　USB port function setting. HOST = USB host function for controlling a USB MIDI device with gHOST Adaptor.
　　MIDI = USB MIDI function for interfacing to a computer or iPad.

InCh:　MIDI Input channel setting. The DMC.micro will respond to incoming MIDI on this channel. Ranges from 1 to 16.
　　Set to OFF to disable MIDI input and MIDI thru.

DUMP:　MIDI SysEx dump. Not used in this version of firmware.
FACT:　Factory Reset. Clears all user settings and resets to factory specifications. Tap right button until "ALL" is displayed, then hold the left button to reset. To exit without resetting, tap right button until "BACK" is displayed, then hold the left button.

MultiJack Configuration

The 1/4" jack on the DMC.micro is our astounding MultiJack! It can handle all kinds of connectivity and functionality, so let's get the details!

Enter the Setup menu and navigate to the **JACK** sub-menu.

EXP: The MultiJack will connect to an external expression pedal. This will let you use one expression pedal to send MIDI expression commands to one or more of your MIDI devices. The DMC knows what commands to send, based on its device drivers. The DIP switches should be set to **ON-ON-ON.**

FT.SW: The MultiJack will connect to an external foot switch. This lets you use a standard tap tempo type momentary foot switch to send MIDI taps to your pedals. The DMC knows which commands your pedals need, based on its device drivers. The DIP switches should be set to **ON-ON-ON.**

RLY: The MultiJack will use its internal relay to send tap tempo commands to a single non-MIDI device that is tap capable. IMPORTANT: Set the DMC.micro internal DIP switches to **OFF-OFF-OFF** in order to use this option. You should also enable UTIL mode and set at least one switch message type to TAP to use this function.

MIDI: The MultiJack will send MIDI on the jack tip. This works with Empress, Meris, and Alexander pedals using a standard mono patch cable. This function will also work on Chase Bliss Audio pedals by using the MJ-CBA cable. Set the DIP switches to **ON-ON-ON.**

MID2: The MultiJack will send MIDI on both the jack tip and the jack ring. This works with a Chase Bliss audio pedal and a standard TRS / stereo cable if the MultiJack DIP switches are set to **ON-ON-OFF** from left to right.
This option will also allow you to connect two MIDI devices to the MultiJack using an MJ-Y, MJ-Y-RP1, or MJ-Y-RP2 cable. Set the DIP switches to **ON-ON-ON** to use the MultiJack with two MIDI devices.

UTIL: The MultiJack will connect to an expression pedal and will send a MIDI CC message of your choosing. Set the DIP switches to **ON-ON-ON** and consult the following section for details on configuring the desired MIDI message.

The next sub-menu is the Jack Utility Assignment. Set **J UT** to the MIDI CC message you would like to send, the range is 0 to 127.

The final menu in the MultiJack configuration is the MultiJack Channel Assignment. Set **J CH** to the channel or channels you would like to use. For example, if you would like to use the MultiJack to connect to an expression pedal that controls your A and C devices, then set **J CH = JA0B.** If instead you would like to send tap tempo to your A and B devices but not your C device, then try setting **J CH = AB0.**

USB HOST and USB MIDI

The DMC.micro USB port is capable of interfacing with a variety of devices. One of the most popular applications for the USB port is to control the Zoom MultiStomp series (MS-50G, MS-60B, MS-70CDR.)

Enter the DMC setup menu and configure **USB = HOST**, then set up **DEVA = ZOOM.**
Make sure that **DEV** is set to at least DEVA to enable the Device A page.
Power the DMC.micro off, then connect the gHOST Adaptor to its USB port.
Connect the Zoom USB cable to the Zoom's USB port, then connect the USB cable and the gHOST Adaptor.
The Zoom pedal should change presets in response to the DMC.micro.

The DMC.micro can power the Zoom pedals but please be aware that you'll need to use an output on your power supply capable of supplying more than 100mA! You may also power the DMC.micro and Zoom pedal separately from two standard power supply ports.

If you would like to use the DMC.micro as an interface to your computer or iPad, set **USB = MIDI** in the DMC setup menu. Restart the controller and connect it to your device. You should see a MIDI interface called "Disaster MIDI" in your application's list of available devices. The DMC.micro is class-compliant and should not require drivers on any modern operating system.
The DMC.micro will pass any MIDI information it receives over USB out to its 5-pin MIDI and MutliJack ports.

DMC / DPC GEN3
SUPPORTED DEVICES

How to use this table:
We've listed the device drivers that are installed in your Gen3 controller below. Each driver has preset values for all of the various items the controller can access, so that you don't need to be a MIDI expert to use the controller!

We've listed the MIDI controller numbers that we send, in case you want to map them to something else or are trying to match up an unsupported device.

If you're not sure about a device you're using, we recommend you try **General MIDI** or **General MIDI No Bypass.** These drivers will allow you to send MIDI programs 0-127, which should support 99% of the devices on the market. If your device doesn't have 128 presets, then the upper range of the controller will be ignored by your device.

We add new devices all the time, so if you've got something that has special features not yet supported please contact us!

Manufacturer	Device	Menu Name	Expression	Tuner	Looper	Notes
NONE	General MIDI	Gen MIDI **GMID**	CC7	CC69	NO	Sends PC 0 instead of bypass CC
Strymon	Timeline	Timeline **TIME**	CC100	NO	YES	LTC sends command for infinite delay
Strymon	Mobius	Mobius **MOBI**	CC100	NO	NO	
Strymon	BigSky	BigSky **BSKY**	CC100	NO	NO	LTC sends command for freeze / infinite
Chase Bliss	ALL	ChasBlss **CBA**	CC100	NO	NO	
Boss	DD-500, MD-500, RV-500	DD-500	CC16	NO	YES	Map MIDI CC to TAP TEMPO or use MIDI clock
Empress	Reverb	Emprss Revrb **EMPR**	CC10	NO	NO	Must enter Advanced Config mode on pedal to configure for MIDI
Empress	EchoSystem	Emprss EchoS **EECO**	CC10	NO	NO	Must enter Advanced Config mode on pedal to configure for MIDI
Empress	Tremolo2	Emprss Trem2 **EMPT**	CC10	NO	NO	Must enter Advanced Config mode on pedal to configure for MIDI
Source Audio	Neuro Hub / SoundBlox Hub	Source Audio **HUB**	NO	NO	NO	Configure using Hub Manager to set Hub MIDI channel
Source Audio	Nemesis / Ventris	Nemesis Dely **NEMS**	CC100	NO	NO	
Line 6	M5	Lin6 M5 **L M5**	CC1	CC69	NO	Set AutoSave to OFF to avoid corrupting presets
	M9	Lin6 M9 **L M9**	CC1	CC69	YES	Set AutoSave to OFF to avoid corrupting presets
	M13	Lin6 M13 **LM13**	CC1	CC69	YES	Set AutoSave to OFF to avoid corrupting presets
Electro-Harmonix	HOG2	EHX HOG2 **HOG2**	CC4	NO	NO	
Pigtronix	Echolution 2 (all versions)	Echolutn **ECL2**	CC4	NO	NO	
Alexander	Neo Series / Super Series	Alexandr **ALEX**	CC100	NO	NO	
Panda Audio	Future Impact	F. Impact **F IM**	CC7	NO	NO	
Free the Tone	Flight Time	Flight Time **FLTM**	CC81	NO	NO	

Manufacturer	Device	Menu Name	Expression	Tuner	Looper	Notes
DigiTech	Whammy V Classic Mode	Wham Classic **WHM1**	CC11	NO	NO	
DigiTech	Whammy V Chords Mode	Wham Chords **WHM2**	CC11	NO	NO	
Zoom	MS-50G MS-60B MS-70CDR	MultiStomp **ZOOM**	No	CC74	NO	Set USB=HOST in Setup. Configure DevA as ZOOM. Use gHOST Adaptor Cable.
Atomic	AmpliFIRE	AmpliFIRE **ATOM**	CC22	NO	NO	Sends CC81 for LTC
NONE	MultiJack Relay Output	MultiJack **JACK**	NO	NO	NO	Special - does not send MIDI, controls the relay output on the MultiJack(s). Set DIP switches to ON-ON-ON or ON-ON-ON-OFF (DMC-6/8)
Hologram	Dream Sequence	Hologram **DREM**	NO	NO	NO	
Meris	Ottobit Jr Polymoon Enzo	Ottobit **OTTO**	CC4	NO	NO	Use Meris setup mode to assign EXP port to MIDI
Meris	Mercury7	Mercury7 **MRC7**	CC4	NO	NO	Use Meris setup mode to assign EXP port to MIDI
Boss	SY-300	BOSS SY-300 **SY-3**	CC7	CC24	NO	
GFI System	Specular Tempus	GFI SPECULAR **GFI**	NO	NO	NO	
NONE	MIDI Notes	MIDI Notes **NOTE**	CC7	CC69	NO	Special - sends MIDI note of the selected value when preset is loaded.
NONE	General MIDI (no bypass)	GenMIDINoByp **GM-2**	CC7	CC69	NO	Like General MIDI, but does not send PC or CC when in bypass. Used for "always on" devices.
Line 6	HX Effects	HX Effects **HXFX**	CC1	CC68	YES	Must enable looper block to use looper controls.
Line 6	HX Stomp	HX Stomp H ST	CC1	CC68	YES	Must enable looper block to use looper controls.
Bondi	Art Van Delay	Art VanDelay **ARTV**	NO	NO	NO	Defaults to channel 10 or channel 3 - reconfigure to use
Dr. Scientist	The Atmosphere	Atmosphere **ATMO**	NO	NO	NO	Accesses factory presets 1-16 and user presets 1-16.