

PLEASE CAREFULLY READ THE FOLLOWING INSTRUCTIONS BEFORE USING YOUR NEW DEVICE!

Setting up the Mini Midi+



The front of the Mini Midi Sequencer+, showing (on the left) the SD card slot, and on the right the play mode selection switch. In the centre is the bi-colour Bluetooth status indicator.

Your new system includes:

- Mini MIDI Sequencer+
- Inline power switch
- Mains power adaptor to suit either UK or continental sockets (specify with order)
- SD memory card with minimum 4Gb
- An Amazon Fire 7-inch tablet, pre-installed with the Mini MIDI+ system App. and Playlist Editor App. The tablet and Mini MIDI+ device Bluetooth hardware are already paired. The tablet is fully functional and unmodified and comes with the original packaging and documentation, and the end user is encouraged to refer to this for general operation. The tablet comes unregistered, and can be registered by visiting the manufacturer's website.

On receipt, connect the Mini MIDI Sequencer+ to the mains power supply using the supplied switched lead and power adaptor. Once the power is turned on, the central bi-colour LED status indicator will blink red and blue whilst booting and changes to solid red.

Connect the MIDI lead from your instrument into the standard MIDI socket on the rear of the mMS+.

Add your music files and directories to the memory card using a personal computer and SD memory card adapter. The Mini Midi Sequencer+ (mMS+) has an unlimited number of directories capable of storing 1400 pieces of music per directory.

Insert the SD card into the mMS+ and select 'Remote' on the Play Mode selection switch. Turn on the tablet and start the Mega Midi Sequencer App. Now pair the tablet to the mMS+ unit. When the power is on, the Bluetooth status indicator shows as follows: red = power on, no Bluetooth connected; blue = Bluetooth connected; flashing red and blue = various operating and error conditions (described later).

When the devices first link, or whenever the directory is changed, all {/Root} directory names and all MIDI and playlist filenames in the current directory are uploaded quickly and wirelessly to the tablet. These names are shown in a scrollable list on the tablet, alphabetically sorted and separated into **Directories**, **Playlists**, and **MIDI Files**.

When first powering on, a lot of information needs to be sent from the mMS+ hardware to the tablet, therefore be within clear range of the mMS+ when first running the App or when changing directories.

General Operation of the Mini Midi+

Scroll through the list and select any individual title by simply tapping on it. The selected title is copied to the yellow rectangular Selection Bar. Then tap the Selection Bar to play. Alternatively, select a new *directory* by tapping on it (the equivalent of changing directories on a computer). Or, select a **Playlist** and play titles in the order that you create.

Besides selecting individual titles to play, use the App soft keys to play your music files automatically in either **Continuous Sequential** (in order) or **Random Play**. Press the **STOP** key at any time to quickly terminate the piece currently playing. In either of the autoplay modes, the selection bar on the tablet displays the title which is currently playing, or a countdown to the next title to be played.

The linked tablet does not actually *stream* any MIDI data – it only acts as a remote menu control; all MIDI files are played from the local SD card located in the mMS+ hardware. The tablet is only used to select which music file to play, or which autoplay mode to operate in. **This is why the system works so reliably.**

Once set to playing, the mMS+ hardware will **continue playing, even if the tablet enters sleep mode or is powered off**. The music never stops mid-play unless you press the **STOP** button.

When a piece of music is playing, you can select the **BPM** (*Beats per minute*) skeleton softkeys on the tablet to increase or decrease the tempo.

The delay **DLY** (silence) between titles during continuous autoplay can be set from 0-60 seconds.

Besides control by remote tablet the **mMS+** has basic standalone automatic sequential or random play capability, and can play MIDI files *without* the tablet (see below). This is useful for quick testing or whenever the tablet is not required or is not available.

Bluetooth: Typical Bluetooth range is at least 10M (at least 30feet)

Power: AC adapter, 9VDC / 1A, centre positive, 2.1 x 5.5mm barrel plug (supplied with either UK or European plugs on request)

SD Memory Card: FAT32 Windows / MSDOS file system, SDHC card up to 32G, minimum class 4; standard file/directory naming convention (supplied)

Serial USB Connector: For future functionality

Mini Midi Sequencer+ hardware play modes

Mode Play Selection Switch (3 position)

Auto Sequential Play: Automatic continuous sequential play of all titles in the current directory (does not require tablet.) After the last file is played, it loops back and repeats from the first piece.

Auto Random Play: Automatic continuous random play all files in the current directory (does not require tablet.)

Tablet Remote: Set to **Normal Tablet** control mode, and stops any autoplay mode (after completing current file play)

Mini Midi Sequencer+ App Soft-Key controls and indicators

Stop: This soft-button stops the file which is currently playing.

Play Sequential Continuous: Works like the hardware play mode. The currently playing file name is displayed on the Tablet selection bar.

Play Random Continuous: Works like the hardware play mode. The currently playing file name is displayed on the Tablet's selection bar.

Selection Bar: Any scrolling list selections that are tapped are copied to this command bar. When this command bar is then tapped, the piece plays or a directory change is initiated.

BPM Up / Down: The two skeleton buttons can be tapped to temporarily slow or speed up the file currently playing (active during song play only). The *Beats Per Minute* (BPM) is briefly displayed on the tablet selection bar.

DLY Up / Down: The two skeleton buttons change from **BPM** to **DLY** in the home screen (active when no songs are playing). They are used to set the interval delay (silence) between items during automatic play.

BT Connect: When tapped, reasserts Bluetooth connection; when pressed and held - restarts the Bluetooth link screen.

DIR: Shows the currently selected directory.

Bluetooth Status Indicator: Flashing **green** indicates active and connected Bluetooth; **red** indicates disconnect.

Status Messages: Status messages appear from time to time briefly on the display and then disappear.

Tablet Sleep Mode: The tablet can be put into sleep mode to save battery life, but the mMS+ / MMS devices will continue playing. The tablet automatically reconnects to the mMS+ / MMS when it becomes active again.

Optional software features available at extra cost

Pre and Post Command and Delay: Can be used to trigger an event (e.g. to power on a blower) before a MIDI file or file group begins playing, and then trigger another event after play ends and after a re-triggerable delay time.

Rename Bluetooth (at extra cost): For multiple instrument installations; link to the name of your instrument, other than the default.

External Switch Play (at extra cost): Use an external switch to play music (such as a coin trip or key fob RF relay). Set it from 1 to 8 trips (coins) per play; keeps count of coin trips even while playing.

Secure Play (at extra cost): Will only play MIDI files that have an embedded key (for system installers and music file resellers.)

Guarantee: You have up to 30 days to evaluate and try out the system. If it doesn't meet your requirements you can return it for a full refund. Products must be returned in like-new condition. Contact us first for a return authorization. Customer pays for tracked and insured return shipping. Upon receipt, a refund will be provided, less the original shipping charges. The tablet cannot be returned if it has been registered in an end user Amazon account.

Product Warranty: Guaranteed free from defects in material and workmanship for a period of 90 days from date of purchase. If a problem arises, first contact us to see if this can be resolved. If the product needs to be returned for repair, contact us for a return number. Customer pays for tracked and insured shipping one way. A C Pilmer Automatic Music Ltd. does not warrant the tablet, which is warranted separately by Amazon. Any tablet warranty or operating problems must be resolved through the manufacturer directly.

We are proud to have been appointed sole distributors for the UK and Europe for these products which have been exclusively developed and manufactured by Brotech Electronics in the U. S. A.

© 2019 by AC Pilmer Automatic Music Ltd.

A C PILMER AUTOMATIC MUSIC Ltd.

www.acpilmer.com