

## **EASI MME Adapter**

The EASI MME adapter allows you to configure the Windows MME drivers installed in your system (Windows Multimedia Extension, also known as Wave Drivers), for the use with MAGIX midi studio.

If it is not possible to open the control panel of the MME EASI Adapter via the switch in MAGIX midi studio (Audio>Hardware&Drivers>PC AV) you can quit MAGIX midi studio and open the EASI MME Adapter directly (EASIMME.EXE). Make the necessary changes and open MAGIX midi studio again.

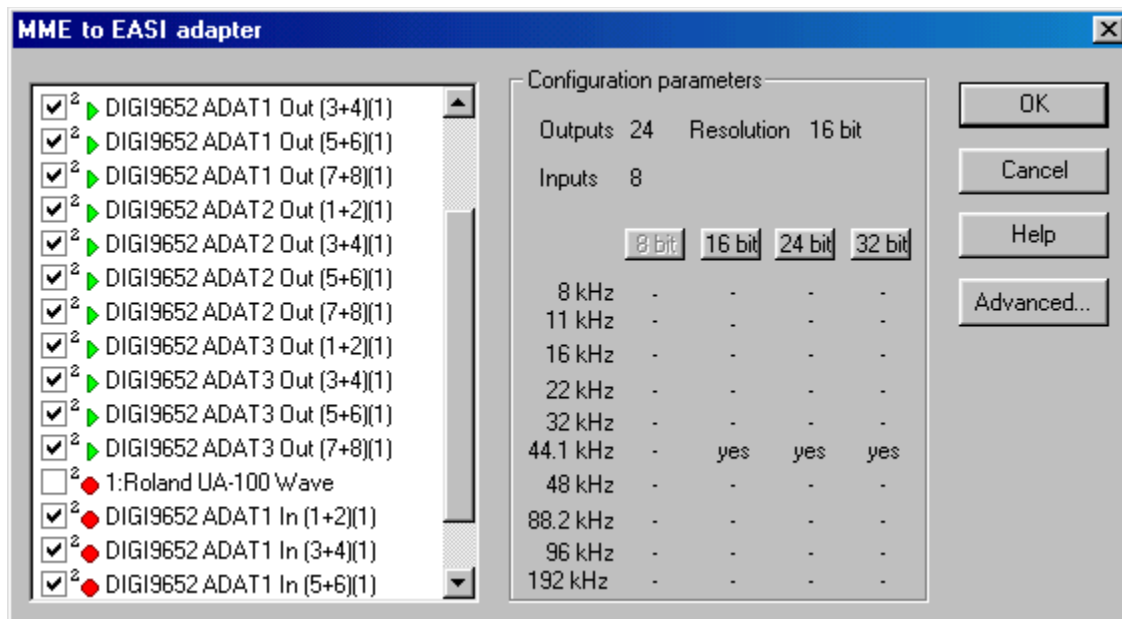
Layout of the Control Panel

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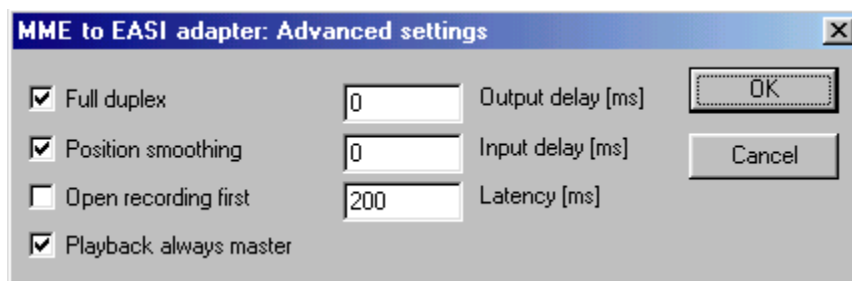
The Control Panel consists of two sections. On the left hand side you find the MME driver list, on the right hand one the so-called configuration box. The driver list shows all current MME drivers in your system with their respective parameters. The configuration box shows the current configuration of the MME EASI adapter.

Click on the different sections of the pictures below to find out more.

EASI MME Adapter Control Panel



Advanced Options



## The MME Driver List

This list shows all MME driver, that are available for the MME EASI Adapter. Should you miss a driver, please make sure that no other application is accessing this driver at the moment.

Each line shows the parameters of the individual MME drivers. On the left hand side you find a checkbox. When checked, the MME driver is included in the current configuration. Please keep in mind that the EASI MME Adapter checks whether the configuration is valid only when closing the Control Panel. Especially when using drivers of different hardware problems may occur. In this case MAGIX midi studio will not be able to initialize the MME EASI Adapter.

Close to the checkbox you will find an icon the shows whether the MME driver in question is a playback driver (green arrow) or a recording driver (red button) and how many channels the driver offers. On the right hand side of this section you will find the driver's name.

## The Configuration Box

This box contains all data of the **current configuration**. They show you how the MME EASI Adapter behaves in MAGIX midi studio.

In the top area you can see the number of in- and outputs that are available in MAGIX midi studio when using the current configuration.

To the right you can find the **bit resolution** that will be used for recording and playback.

Below these parameters you find a table that shows you exactly which bit resolutions and sample rates are supported by this configuration. Please keep in mind that the table may change when you activate or deactivate a driver in the driver list. To choose the bit resolution of the current configuration please click on one of the buttons '**8 bit**', '**16 bit**', '**24 bit**' and '**32 bit**'.

## **Accepting or disregarding a configuration**

On the far right you find the buttons "Ok" and "Cancel". When clicking the "Ok" button the changes you have made will be transferred to MAGIX midi studio. Clicking "Cancel" restores the configuration that was used before opening the Control Panel.

## Advanced Options

On the right hand side you also see the 'Help' and the '**Advanced...**' button.

The '**Advanced...**' button opens another window offering further options for the current configuration.

On the left hand side you find the checkbox '**Full duplex**'. Here you can set, whether your hardware has full duplex capabilities or not. Full duplex means that you can record and playback simultaneously. The default it set to ON. Some older cards may not support the full duplex mode. Please refer to the manual of your audio hardware to find out more about you hardware capabilities. If you card is not capable of running in 'Full duplex' mode this setting has to be switched off.

Below the 'Full duplex' setting you find the checkbox '**Position smoothing**'. Some older cards deliver a rather inaccurate sample position. With the help of this setting you can smoothe the sample position and avoid problems with these older cards.

The third option on the left hand side - '**Open recording first**' - determines whether the input or the output driver is opened first. Some audio cards behave strangely, when the drivers are not opened in the correct order.

Below you will find the setting '**Playback always master**'. It determines from where the driver position will be taken during recording. If this option is switched on, the position of the playback driver will used even during recording. If switched off, the position of the recording driver will be used. This settings has no effect, when 'Full duplex' is deactivated.

On the right hand side of the advanced options you find settings for the **playback and recording delay**. These settings allow you to adjust the MME adapter to inaccuracies of the audio timing should they occur.

The last parameter '**Latency**' allows you to set the driver latency. Small values offer short latency periods, both for changes of volume and plugin parameters as well as realtime playing of synthesizers plugins. However, the overall stability of the system may suffer when using values that are too small. Should you detect dropouts during playback or recording you should increase this value. Typical values lie between 80 and 250ms, the default setting is 200ms.

When this checkbox is checked, the corresponding MME driver will be used in the current configuration. [More...](#)

Playback Driver, more...



Recording Driver, more...

Number of in- and outputs in MAGIX midi studio when using the current configuration.  
More...

Bit resolution for playback and recording. [More...](#)

Table that shows you exactly which bit resolutions and sample rates are supported by the current configuration. [More...](#)

Advanced options for the current configuration. [More...](#)

Here you can set whether your hardware is capable of running in full-duplex mode. [More...](#)

With the help of this setting you smoothe the sample position. [More...](#)

Determines whether the playback or the recording driver is opened first. [more...](#)



Playback and Recording delay, more...

Setting of the driver latency, more...

In order to choose the bit resolution of the configuration click on of these buttons, '8 bit', '16 bit', '24 bit' and '32 bit'. [More...](#)

Accepting or disregarding a configuration, more...

Determines from where the driver position will be taken during recording. [More...](#)

