

# DME 32

## Firmware Upgrade Procedure

DIGITAL MIXING ENGINE

**CAUTION:** This procedure will erase any data stored in DME32, so back up your configurations to a PC with DME Manager software or to a PCMCIA Memory Card.

You will need a PC with a free COM port connected to the DME32 “PC Control” port using an RS232 data transfer cable. Hyper Terminal (included with Windows OS) or equivalent terminal software is needed to transfer the new firmware to DME32.

Hyper Terminal should be set up in the following manner:

Connect Using: Direct to COM1 (or whichever COM port you are using)

Bits per seconds	38400
Data bits	8
Parity	None
Stop Bits	1
Flow Control	None

1. Turn on the power while pressing and holding the [STORE] and [0] keys on DME32.

The LCD Display on DME32 should show:

```
System prog Ver.xx.xx
Install All Ready?
```

2. Press the [RECALL] key on DME32.

```
System prog Ver.xx.xx
Flash-R Erasing Now...
```

Then, wait until the display shows the following.

```
System prog Ver.xx.xx
Please send to Bin file
```

3. Now transmit “DAE.bin” file from Hyper Terminal.

Select “Send File” from the Transfer Menu.

Use Browse to find the DAE.BIN file.

Use Protocol: Xmodem

4. During the file transfer, one “>” is shown for every 64 packets (128bytes/packet) of data transferred.

```
System Download Ready!
>
```

```
System Download Done
```

(after completing the transmission)

5. Turn off the power. And then turn on the power while pressing and holding the [RECALL] key.

```
DIAGNOSTICS V1.0
RAM INITIAL.*
```

Press the [RECALL] key again. The SRAM will be cleared.

```
DIAGNOSTICS V1.0
RAM INITIAL.END
```

6. Turn Off/On the power again. The firmware is now updated, and you can start to use DME32.