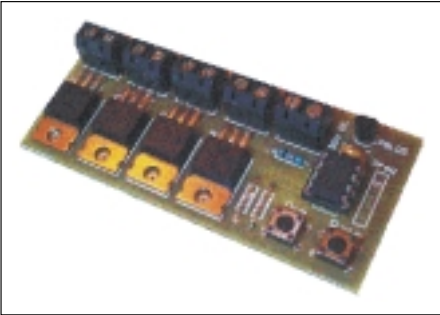# TC Miniature Lighting Systems

TCS-MFM

Multi-Fire-Module

USER MANUAL

'Real' fire and candle emulator for your miniature lighting, with user settable dim and flicker rate.

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TC Systems Technology Limited 2002

What everything does...

4 Channel Outputs

Up to 4 independent circuits can be connected to the unit via the screw terminals

Power Input

5V to 30V DC input

Dim Button

This button has two uses:

1. When pressed at the same time as the RATE button the unit is ready to set channel 1.
To set channel 2 press DIM and RATE together again, and so on for channels 3 and 4.
Each time DIM and RATE are pressed together the unit will select the next channel to be set .

AFTER DOING THIS 5 TIMES THE UNIT WILL SAVE YOUR SETTINGS AND WILL BE READY TO USE.

2. When setting a channel DIM is used to set the dim level.

Each press of DIM selects the next level of dim (there are 8 levels which repeat - so if you go past the level you want, keep pressing until it comes around again!).

The unit remembers your settings even with the power off!

Rate Button

This button has two uses (see dim button)

When setting a channel, RATE is used to set the flicker rate. Each press of RATE selects the next rate.
There are 4 rates, But pressing the RATE button a fifth or sixth time activates a preset fire emulation program.
5 emulates a standard fire
6 emulates a raging fire.
(As with DIM the rates repeat)

TO DO A FACTORY RESET

Turn the unit off
Press DIM and RATE together while you turn the unit on.

The unit will reset to the factory settings for each channel.

TC Miniature Lighting Systems - controllers designed by enthusiasts for enthusiasts...