

# grandMA Level 3 Advanced Programmer Training

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## grand MA Training Level 3

This course is designed for experienced grandMA programmers who wish to take their knowledge to the next level.

It is anticipated that certain will already know some of these areas and will not require going through the whole course.

It is also anticipated that operators will have there own agenda with regards to an upcoming show.

This course takes a maximum of 1 day.

### SMPTE

What's different about SMPTE on the grandMA

What SMPTE can and can't do

Editing a SMPTE show

Working live with SMPTE elements

### Ethernet

IP addressing

Setting up 2 consoles to track

Using Ethernet to output DMX

### Fixture profile editing

What information is required before starting

Building your personality

Testing your personality

Saving your personality for use on another console

### Profiles

What use are profiles?

Creating new profiles

Applying them to fixture / channel parameters

### Advanced Macros

Warnings about macros

What can and cannot be included in a macro

Text input of command line macros

### Sound Input

What can sound input achieve?

Setting up the trigger point

Using sound triggering with manual playback.

## Preset Referencing

Creating palette library disk

Adding new fixtures

## Attribute grouping

Why would you want to alter the attribute grouping?

What to be careful of

Common adjustments