

DMX CONTROL

The MDG **M3e** can be controlled via a DMX512-A USITT standard protocol.



WARNING

Activating the «**DMX**» mode («**INTERFACE ▶ MODE ▶ DMX**»), controls the MDG M3e only by DMX signal. If the DMX wire is **unplugged** or DMX **signal is lost**, the generator **initiates an automatic shutdown procedure**.

Activating the «**AUTO**» mode («**INTERFACE ▶ MODE ▶ AUTO**»), controls MDG M3e by DMX, only if there is a signal. If the DMX wire is **unplugged** or DMX **signal is lost**, the generator **keeps the last DMX values**.



WARNING

In «**AUTO Mode**», DMX commands always take precedence over Local commands.

The MDG **M3e** provides a simple way to check if there is DMX signal:

```

/INTERFACE 18:30:01
>COMM.     AUTO
DEV LABEL ONE-14100
DEV ID     1
    
```

No DMX Signal

```

/INTERFACE .18:30:33
>COMM.     AUTO
DEV LABEL ONE-14100
DEV ID     1
    
```

DMX Signal

The user can change the DMX Start Address in the Interface Menu («DMX Add»), and choose any value between 1 and 510 (512, last DMX channel).

The generator uses two (2) or three (3) DMX channels, depending on its personality:

Personality M3e

- Channel 1 **0 (0%)** < UNIT OFF ≤ **128 (50%)** < UNIT ON ≤ **255 (100%)**
- Channel 2 **0 (0%) – 255 (100%)**, FOG OUTPUT (from minimum to maximum)
- Channel 3 **0 (0%)** < FOG OFF ≤ **128 (50%)** < FOG ON ≤ **255 (100%)**

Personality MAX 3000

- Channel 1 **0 (0%)** < UNIT OFF ≤ **128 (50%)** < UNIT ON ≤ **255 (100%)**
- Channel 2 **0 (0%)** < FOG OFF ≤ **128 (50%)** < FOG ON ≤ **255 (100%)**

These channels have the same behaviour that the menus of the local interface (see **Operating instructions** paragraph).