Technical bulletin
Paderborn, 11/05/2017
Contact: support@ma-dot2.com

External touch screens for dot2

There are several possible touch screens available in the markets which are presented by different models and technologies within different brands. MA Lighting always recommended ELO touch screens as general orientation as ELO seems to be a kind of a standard when it comes to touch screens. But of course, there are much more available. Therefore, it is impossible to test them all at the console. Please choose carefully and test for yourself.

Touch screens should comply with the following specifications:
Certification: Microsoft WIN8 compliant*
Connectivity: USB interface
Video Interface: DVI or HDMI
Resolution: Monitors should have a minimum resolution of 1024x768.

*If your screen is not Microsoft WIN 8 compliant but works with the Intelli-touch 4wire touch technology from ELO it will work as well.

Touch screens can be identified by a model name and a part number or production code. The part number or production code usually reflects the technology that is used within the model.

Here are some models in detail that are tested by the MA Lighting team:

ELO 1928L
ELO-model EP1928L-8CWM-1-GY-G
Part-No E686772 (Intelli-touch 4wire touch technology)

ELO-model 2200L
Part-number: E808372 (Intelli-touch 4wire touch technology for EMEA region)

ELO-model 2201L
Part-number: PCAP (Worldwide) - E497002 (TouchPro™ Projected Capacitive - 10 Touch technology)

LG Flattron T1710B-BN
Product Code: T1710B-BNU.AEU0APN
Model No: T1710BU
FCC ID BEJTI1710BU

Dell P2314T,
Model No: P2314Tt Touchscreen-Monitor
DP/N: 0K5YCS
REV A01
Acer T272HLbmidz, Touchscreen-Monitor
Model No: T272HL
Version: T272HL bmidz
Part No. UM.HT2EE001
EAN: 4 712196 332631

There are more topics to think of when buying a touch screen!
If working in loud environments any acoustic touch solution might be interrupted or at least might interfere with the noisy environment.
If working outside a sealed version that withstands rain and dust and might be temperature independent as much as possible is the best solution.
If touch and move is required not all technologies might support touch & hold to move an object via the finger move over the touch surface.