nexmosphere
elements for experience

XC-680 / 681 XPERIENCE CONTROLLER

XC range
The nexmosphere compact range is the most cost-effective tool for bringing shopper experience into your retail environment. Its small form factor and smart design makes it an ideal and efficient controller to integrate in any virtual standalone application. Connect any of the nexmosphere elements like presence sensors, pick-up detectors, touch buttons, or LEDs to build your own unique shopper journey. This system prepares itself for the next shopper automatically, ready to deliver the next in-store experience.

XC-600 series
The 600 series is equipped with a full HD video player allowing to play any video from the SD card. Every element triggers a unique video allowing you to provide specific information on the chosen product. This way, an upsell can be created easily in standalone applications.

Features
• Full HD video player with 1080p60 playback
• 8x X-talk interface for easy sensor connection

X-talk interface
Connect a wide range of sensors, buttons, LEDs, or any of the nexmosphere elements to create your own unique shopper experience. Let your creativity be the limiting factor by combining the different elements specific to your application. Due to auto-configuration, there is no additional setup required for seamless operation. The X-talk interface also supports industry standard I/O divices, such as push buttons.
• Compatible with any of the nexmosphere elements
• Plug and smile interface
• Providing power to elements for easy system wiring
• Connect standard push buttons (NO/Normal Open)
• Switch external 3.3v LED (X-talk+ interface only)

Video playback
The video controller provides a high quality 1080p60 content playback via the HDMI connection. Up to 20 different video files stored on the SD card can be triggered to play by one of the elements connected to the X-talk interfaces like pick-up or motion sensors.
• Video codecs: H.264, MPEG4 part 10, AVC
• Video Containers: MP4, MKV, TS
• Resolutions:1920x1080, 1280x720, 720x480
• Bitrate: 12Mbps

Benefits
• Auto start-up and configuration for highly reliable standalone applications (24/7 operability)
• Automatic recovery to an attractive state after a period of inactivity
• Small form factor for easy installment in or behind displays
• Multiple data gathering functionalities offer unique insight into how your application is being used (DLX-200 X-talk data logger required)
• Download application-specific scripts to configure the controller according to your needs (*programmable versions only)

* XSP-100 X-talk programmer required

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Thermal specifications

Operating temperature:	+10'C...+40'C/ +50'F ... +104'F
Storage temperature:	-20'C...+50'C/ -4'F ... +122'F
Cooling:	Passive cooling (no moving parts)

Electrical specifications

Operating voltage:	5VDC
Maximum power rating:	2A

Standards and Certifications

Compliant with IEC 60950-1(ed.2);am1;am2
CE certificate
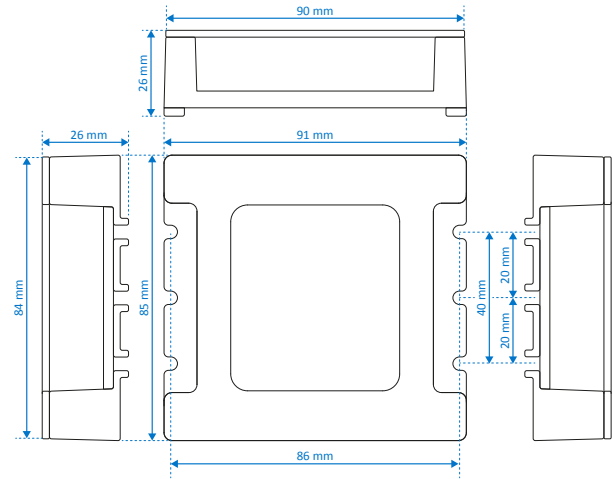US/CAN certification in progress
RoHS compliant

Miscellaneous

• Robust compact housing with screw brackets for secure fixing
• Build-in magnets for easy mounting on metal surfaces
• Both horizontal & vertical mounting allowed
• Diagnostic LED indicating potential issues
• Status LED indicating power & input/output operations
• 1 year warranty (optional 3 year extended warranty available)

Packaging

Netto Weight:	116g
Items per carton	1 or 10 pcs

Mechanical dimensions

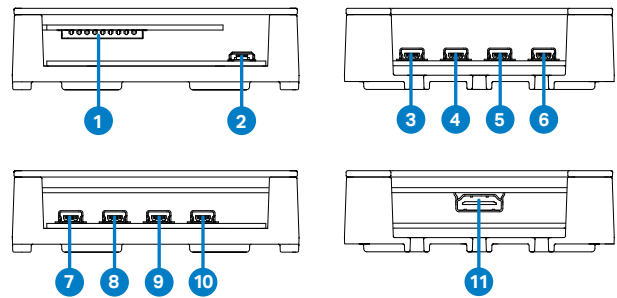|	
LxWxH:	91 x 86 x 26 mm
Screw fixation:	20 / 40 x 85 mm

Hardware interfaces

1. SD-card slot for audio files
2. 5V power input micro USB
3. X-talk socket 1
4. X-talk socket 2
5. X-talk socket 3
6. X-talk socket 4
7. X-talk+ socket 5
8. X-talk+ socket 6
9. X-talk+ socket 7
10. X-talk+ socket 8
11. HDMI socket

Ordering information

Product ID	Description	Quantity
XC-680	Xperience controller, Video, 8x X-talk (non programmable)	1 pc
XC-681	Xperience controller, Video, 8x X-talk (programmable)	1 pc