



Evolution Pro-Multi series - LCD Monitors with Analogue, VGA, DVI & HDMI input

Key Features

- Broadcast monitoring in 40", 46", 52" & 70" sizes
- 1920 x 1080 (16:9) Full native HD resolution
- 1920 x 1200 HDMI with HDCP input
- DVI, HDMI and VGA inputs
- Component YUV/RGB and composite inputs
- **Selectable Colour temperature settings**
- **User adjustable gamma and colour temperature**
- **Auto colour & Gamma calibration**
- Wide viewing angles
- Up to 3000:1 contrast ratio
- Under/over/zero scan mode
- External audio input/output
- Built in speakers
- Remote GPI control (RJ-45 & D-type)
- Serial control port (update & control)



(for illustration purposes only)

The latest series of the popular Evolution Pro monitors are the Evolution Pro-Multi Series which provide high quality performance with broadcast facilities at very affordable prices. These LCD monitors have been developed from customer requests for low cost, large size broadcast monitors to negate the need to use large domestic televisions typically found in more budget conscious control rooms, galleries, etc.

Ranging from 40" to 70" the Evolution Pro-Multi Series has a wide choice of input formats and is designed to be driven by multi-viewer signal processors which are typically found in high volume monitoring systems such as control rooms, galleries and OB vehicles. The combination of an Evolution Pro-Multi monitor and a multi-viewer provide a better quality and more cost effective solution than using cost domestic or semi professional televisions or digital signage monitors. With full broadcast colour reproduction, pre-set colour temperature, colour controls, colour alignment utilities as well as user adjustable contrast and backlight setting these monitors allow broadcast users to precisely match panels together for monitor wall applications. Additional image display facilities include brightness, contrast, chroma, noise reduction, flesh tone and dynamic contrast controls for up to 1920x1200p image formats together with automatic and manual image scaling.

The audio inputs can be used to drive the internal speakers and detect the presence of audio. The audio outputs can be fed to an external amplifier and monitoring speakers.

The Evolution Pro-Multi monitors have push button controls to access the simple to use on-screen menus for set up and control. There are 7 user adjustable GPIs which allow external control of preset functions and controls.

Summary

The Evolution Pro-Multi Series are flexible, high quality monitors which meet or exceed, the demands of broadcast applications. They are very well suited for monitor walls and stand alone monitoring. Oxygen DCT is a customer centric organisation providing turn key monitoring solutions backed by expert advice and support. Please contact us for further information and visit www.oxygendct.com.

For first class sales and support contact Oxygen DCT at the following address or via the online website shop.

2 Bacchus House
Calleva Park
Aldermaston
RG7 8EN
United Kingdom

W: www.oxygendct.com
E: info@oxygendct.com
T: +44 (0) 8707 4 62062
F: +44 (0) 8707 4 62063

All information contained herein is copyright of Oxygen Digital Communication Technology Ltd and is subject to continuous development. We reserve the right to change technical specifications without prior notice. E&OE.



Specifications

HDMI Input	1 x HDMI with HDCP, 19pin Female
DVI Input	1 x DVI-I, 24P Female
PC-RGB (DVI) Input	1 x DVI+Analogue Jack (with gender) (24P+5P)
Component	1 x YUV/RGB (Sync on green) on 3x BNC connectors
Input Signal format	HDMI Digital, DVI Digital, PC-RGB (VGA), Component
Audio Input/Output	1EA, L/R, Stereo pin Jack
Speaker	2EA, 2W+2W
Audio Output Signal	Input Line & HDMI Audio 2CH Selected
Control Ports	GPI Remote (1 x Remote, RJ-45P, GPI-7 Port), Serial Update (1 x RJ-11P), Serial Interface on RS422 1 x D-Type.
Power	100-230V AC

LCD	40"	46"	52"	70"
Resolution	1920x1080	1920x1080	1920x1080	Size
Pixel Pitch	0.4845 mm	0.53025 mm	0.6 mm	0.807 mm
Colour	16.7M	16.7M	16.7M	16.7M
Viewing angle	R/L:178, U/D:178	R/L:178, U/D:178	R/L:178, U/D:178	R/L:178, U/D:178
Brightness	500cd	450cd	700cd	600cd
Contrast	3000:1	4000:1	2000:1	2000:1
Display area (mm)	930.25X523.01	1039.68x584.8	1152.0x584.8	1549.44x871.56

Ordering Information

Evolution Pro-Multi Series:
 OSTM-400S 40" Multi-Format LCD Monitor with Analogue, VGA, DVI & HDMI inputs
 OSTM-460S 46" Multi-Format LCD Monitor with Analogue, VGA, DVI & HDMI inputs
 OSTM-520S 52" Multi-Format LCD Monitor with Analogue, VGA, DVI & HDMI inputs
 OSTM-700S 70" Multi-Format LCD Monitor with Analogue, VGA, DVI & HDMI inputs

Options

OSTM- XX- TT, table top stand for Evolution Pro-Multi monitors. Please indicate monitor size when ordering.
 OSTM- XX- WM, wall mount for Evolution Pro-Multi monitors. Please indicate monitor size when ordering

For first class sales and support contact Oxygen DCT at the following address or via the online website shop.

2 Bacchus House
 Calleva Park
 Aldermaston
 RG7 8EN
 United Kingdom

W: www.oxygendct.com
 E: info@oxygendct.com
 T: +44 (0) 8707 4 62062
 F: +44 (0) 8707 4 62063

All information contained herein is copyright of Oxygen Digital Communication Technology Ltd and is subject to continuous development. We reserve the right to change technical specifications without prior notice. E&OE.