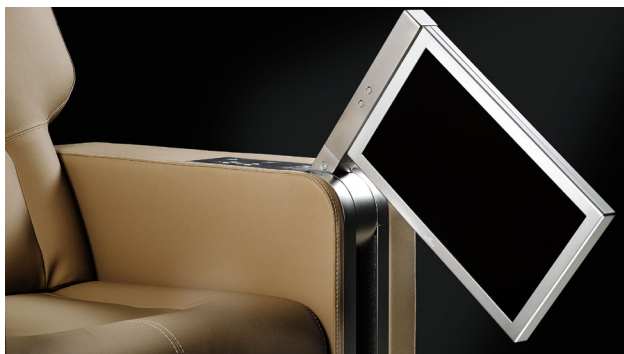
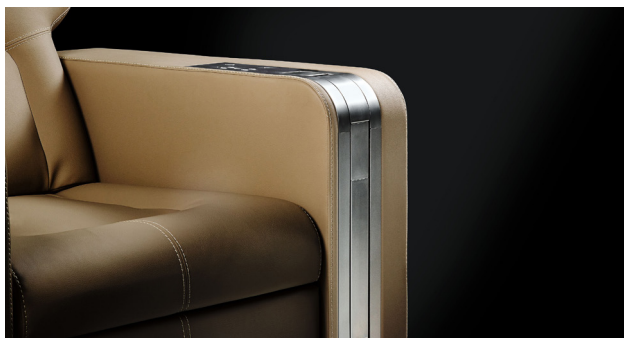


DynamicChairDisplay

Manually inclinable display



FEATURES

- Adapts to multiple armrests
- Motorised adjustable angle
- Maintenance free
- HDCP compliant
- Safety system
- Serial control & Remote diagnose

GENERAL

DynamicChairDisplays have been designed for integration into chairs' armrests.

DynamicChairDisplay is a retractable motorised monitor to be integrated in chair's armrests. The monitor is only visible when in use and it is safely stored in the armrest when not needed.

This elegant aluminium screen has an automatic vertical extraction movement with manual rotation towards the user, followed by a motorised tilt adjustment.

The monitor housing is made of milled aluminium with anodised finish. Its mechanism is robust and silent and the whole solution is integrated in a compact block, being very easy to install. DynamicChairDisplay is available in 15,6".

TECHNICAL SPECIFICATIONS

Display

Size	FULL HD 15.6" TFT Active Matrix, widescreen
Resolution	1920 (h) x 1080 (v)
Brightness	300 cd/m2
Contrast ratio	800:1
Pixel	0.1792 (h) x 0.1792 (v) mm
Viewing angle	65°/80° (u/d) / 80°/80° (l/r)
Viewing area	344.16 (h) x 193.59 (v) mm
LED backlight lifespan	50.000 hrs
Response time	Tr + Tf 30 ms
Temperature (operating/storage)	Operating 0°C – +40°C Storage -20°C – +60°C

Materials

Cabinet	Solid aluminium monitor housing in natural anodised finishing
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Connectivity

Input signal	DVI-I (1 input) – HDCP Compliant DVI-D (1 input) – HDCP Compliant
RJ45 CAT5 (with loop)	Addressable RS422 monitor control by AHnet protocol
GPI (SubD9)	Up/Down control

Control

RJ45, RS-422 (I/O)
Addressing
Termination switch
GPI

Movement's Control

User interface on monitor	(Up/Down)
Remote	RS-422 I/O/GPI

Electrical

Low voltage (external power supply)	100-240Vac, 47/63Hz, 12Vdc
Power consumption	50W

Mechanical

Monitor Dimensions:	
Screen	583 x 462 x 97 mm [22.95"x18.18"x3.81"]
Weight	16 kg / 35.2 lbs
Shipping Dimensions:	
Weight	17 kg / 37.4 lbs
Shipping Box	740 x 610 x 175 mm

OPTIONS

- Touch screen
- USB integrated on cover plate
- 2 USB integrated on cover plate
- USB power integrated on cover plate
- Customised cover plate with speaker, voting system, USB connector

- Prepared for underneath installation, cover plate prepared to be veneered
- Additional customised laser engraved logotype on the cover plate
- Monitor housing anodised in different colours

CERTIFICATIONS

- CE

WARRANTY

- 2 years general warranty

CONNECTIVITY PANEL



CONNECTIVITY

- 1- AHnet control interface
- 2- Power input
- 3- DVI-D video input - digital
- 4- DVI-I video input - analog/ digital

ARCHITECT'S SPECIFICATIONS

Low voltage professional electrically retractable 15,6" monitor for chair's armrests integration. Solid block of aluminium monitor housing in natural anodised finishing. Motorised lifting and angle adjustment with a single electrical engine for enhanced reliability. Manual horizontal adjustment (rotation towards the user) for improved user's safety.

DVI-I and DVI-D connectors. HDCP compliant inputs. Compatible with AHnet open protocol over RS-422, allowing independent remote control of up to 30 units over a daisy-chain CAT-5 or CAT-6 line. Additional control by means of the buttons integrated on the cover plate and on the monitor's housing that can be activated or deactivated by using the AHnet.

