

INDUSTRIAL SOLUTIONS



CONRAC 6015 AD

15" LCD/TFT Automotive Display

CONRAC's 6015 AD high resolution multi frequency automotive LCD/TFT-display is supplied as rack/console mount version or with a rugged cabinet, specially designed for mobile applications.

CONRAC GmbH stands for High Performance Displays for specific applications. Own R&D, production and service at the German headquarters guarantee highest quality standards.

The use of high grade industrial components, modular construction, robust aluminium casing and special laminated safety glass panel with high efficiency anti-glare treatment make the displays the perfect choice for 24h operation in demanding applications.

FEATURES

Approved to the relevant standards for mobile applications

Easy integration in your system

Robust seawater resistant aluminium housing treated to protect from corrosion

Specially designed for use in mobile applications

Climate control circuit, display heating

High system availability

EMI glass with high efficiency anti-glare treatment

Superior legibility and safety, reduced EMI

Universal proprietary controller

Flexible solutions (VGA, CVBS and S-Video inputs), extra wide frequency range (30kHz – 80kHz)

High contrast and flicker-free image

Reduced strain for the user's eyes

Enhanced shock & vibration resistance as well as extended temperature range

High lifetime in critical ambient conditions

Integrated counter for hours of operation

Easy to plan maintenance

Conrac electronics and design

In-house R&D ensures long term availability.

DISPLAY

Panel type:	Full colour active matrix TFT
Size / Active screen dimensions:	15.0" – 38cm / 304mm (horizontal) x 228mm (vertical)
Resolution:	Multiscan up to 1024 x 768 (XGA)
Horizontal frequency:	30 – 80kHz
Vertical frequency:	50 – 85Hz
Pixelclock:	Up to 140MHz
Brightness (typical):	>200 cd/m ² with glass panel
Contrast ratio:	350:1 typical
Number of colours:	262.144 colours
Viewing angle:	±80° horizontal, 55° up, 80° down
Backlight:	Cold cathode fluorescent lamp (CCFL)
Lamp life time:	20,000 hours @ 25°C ambient temperature, continuous operation

SIGNAL INPUT / CONNECTORS / SYNCRONISATION

PC signal input:	PC analog
Connectors:	RGB (PC) input: 5 x BNC Customized connectors on request
Synchronization:	Sync on green, Composite sync with auto detect Separate H- and V-sync

CONTROLS

Power switch, keypad and on screen menu	
BITE (Built-in Test Equipment):	Front panel indication of temperature and operational status

ENVIRONMENTAL CONDITIONS

Temperature (operating):	0°C - +55°C
Temperature (non-operating):	-40°C - +70°C
Vibration:	2.5g, 1Hz – 50Hz
Shock:	30g, 11ms, half sine
Climate Control:	Climate control with over-/underheat indicator on front panel

POWER

Power supply:	24V (16-32V) DC power supply
Power consumption:	<45W
Stand-by function:	Yes

APPROVALS

EMI/EMC:	EN55022 class A, EN55024, special standards on request
Safety:	EN60950, CE

SUPPLIED ACCESSORIES

AC power cord 2.5m	
Operating Manual	

STANDARD COLOUR

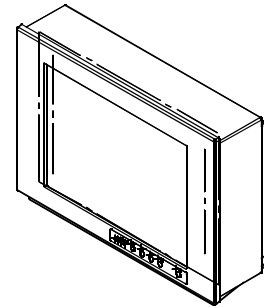
Standard colour cabinet/front panel:	RAL 9005 (deep black), non-structured
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VERSIONS

6015 AD Cabinet version

Cabinet version with stand.
IP54 protected.

H x W x D (without stand): 310mm x 433mm x 128mm
Weight: approx. 10.5kg



6015 AD Rack Mount version

Rack/console mount configuration with handles.
IP54 protected.

H x W x D (without handles): 310mm x 483mm x 128mm
Weight: approx. 10.5kg



OEM versions

Customized versions available on request.

OPTIONS*

*Please note: Not all options may be combined.

- AC power supply 115V / 230V ± 10%, automatic selection
- Heating system for extended temperature range (-25°C – +55°C)
- 2 min. useable, 20 min. according to specification

Technical specification subject to change without prior notice. GM 360.0183, is_6015ad_rev06

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