**CONRAC 6015 AD (PRELIMINARY)**

15" LCD/TFT Automotive Display

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

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 these displays the perfect choice for 24 hour 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 video input solutions

High contrast and flicker-free image

Reduced eye strain

Enhanced shock & vibration resistance as well as extended temperature range

Reliable operation under harsh ambient conditions

Integrated counter for hours of operation

Easy to plan maintenance

Conrac electronics and design

Long term availability and service

DISPLAY

Panel type:	Full color 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):	170 cd/m ² with glass panel (85% light transmission)
Contrast ratio:	250:1 typical
Number of colors:	262,144 colors
Viewing angle:	±60° horizontal, 40° up, 60° down
Backlight:	Cold cathode fluorescent lamp (CCFL)
Lamp life time:	20,000 hours @ 25°C ambient temperature, continuous operation

SIGNAL INPUT / CONNECTORS / SYNCRONIZATION

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:	115V / 230V ±10%, automatic selection
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 COLOR

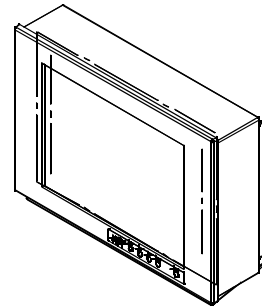
Standard color cabinet/front panel:	RAL 9005 (deep black)
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VERSIONS

6015 AD Cabinet version

Cabinet version with stand.
IP54 protected.

H x W x D (without stand): 310mm x 433mm x 128mm (12.2in x 17.0in x 5.0in)
Weight: approx. 10.5kg (23 lbs)



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 (12.2in x 19.0in x 5.0in)
Weight: approx. 10.5kg (23 lbs)



OEM versions

Customized versions available on request.

OPTIONS*

*Please note: Not all options may be combined.

- DC power supply 16V – 32V (+24V nom.)
- Heating system for extended temperature range (-25°C – +55°C)
- 2 min. useable, 20 min. according to specification

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