



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for DELPHI GRUNDIG DC24. You'll find the answers to all your questions on the DELPHI GRUNDIG DC24 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual DELPHI GRUNDIG DC24  
User guide DELPHI GRUNDIG DC24  
Operating instructions DELPHI GRUNDIG DC24  
Instructions for use DELPHI GRUNDIG DC24  
Instruction manual DELPHI GRUNDIG DC24

## DELPHI GRUNDIG

### CAR AUDIO

## DC24

**Model Name:** DC24  
**Order Number:** A110440-22B1  
**EAN Number:** 9012759608759

**Features**  
24 V DC to 12 V DC Voltage Converter  
7 A Continuous Output Current (12 A Max)  
Low Standby Current Consumption: < 2.0 mA  
Dial Output: Constant and Switched Output (Controlled by additional Ignition Input)  
Extreme Robust + Safe  
For Commercial Vehicles in foralntment Applications



**Electrical**  
DC Input Voltage: ..... 17-32 Volt  
DC Output Voltage: ..... 13.8 V DC +/- 10%  
DC Switched Output: ..... 13.8 V DC +/- 10%  
Continuous Current Output: ..... 7 A  
(from either Output or Combination of both)  
Maximum Load (Short Term): ..... 12 A  
(from either Output or Combination of both)  
Output Noise at continuous load: ..... 50 mV (rms)  
Standby Current Consumption: ..... 12.0 mA/24 V  
Power Conversion Efficiency: ..... 90 % (Typically)  
Connections: ..... 5 x 6.3 mm Push-On Flat Blade Connectors

**Safety + Protection**  
ESD Protection: ..... 8 kV Contact Discharge/15 kV Air Discharge  
Over Current Protection (via Current Sensing Circuit) .....  
Over Heat Protection (via Temperature Sensing Circuit) .....  
Transients Protection (via Filters + Rugged Components) .....  
Catastrophic Failure Protection (via Input + Output Fuses) .....

**Environmental**  
Operating Temperature: ..... -25°C to +65°C  
Storage Temperature: ..... -25°C to +100°C  
Operating Humidity: ..... 95 % Max/Non-condensing  
RoHS Compliant .....

**General**  
W x H x D (cm): ..... approx. 8.9 x 8.7 x 5.0  
Weight (kg): ..... 0.28  
Robust Housing: ..... Anodised Aluminium/Glass Filled Polycarbonate

**Delivery Content**  
Main Unit (1) .....  
Cable Harness Including ISO Radio Interface (2) .....  
(According to Delphi Radio Standard) .....  
Vehicle Interface ISO Plug that connected to Harness (3) .....  
Fixation Material (Click-In Fit 3 Hole Fixation Mounting) .....  
User + Installation Manual .....

**Compliances/Approvals**  
CISPR 25:2003 (EMC for Protection of Receivers used on board Vehicles, Boats, etc.)  
ISO 7637:2004 (Transient Disturbance on Vehicles by Conduction + Coupling)  
EN 12895:2000 (Industrial Trucks EMC)  
ISO 11452:2003 (Road Vehicles Electrical Disturbances Narrowband radiated Radiation)  
ISO 14982:1998 (Agricultural & Forestry Machines - Electromagnetic Compatibility)  
EN 60945:2002 (Maritime Navigation + Radiocommunication EMC)  
ISO 16469:2001 (Road Vehicles Electrical Disturbances from Electrostatic Discharge)  
e Mark  
CE Mark  
EN 60529 (Cabinet meets Ingress Protection Rating of IP53)  
EN 60950 (Safety of information Technology Equipment)

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*Manual abstract:*

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