

## HEAVY DUTY CAR RADIO DURBAN 224 DAB BT

24 V



### Highlights

- High-End Codem Automotive Tuner
- FM (RDS), AM (MW,LW) & DAB+
- Heavy Duty Design
- Twin-Encoder concept for fast and comfortable folder/file browsing
- Playback formats: MP3, WMA
- Fast playback from USB
- Selectable display modes (ID3-Tags, folder/playtime, clock, all mode)
- Data carrier: USB
- 9-digit high-grade wide-angle display plus status icons
- Built-in Bluetooth (HFP, A2DP, PBAP,SPP)
- Twin Connect
- Navigation Audio Mix
- Built-in microphone + external mic connector
- Front USB (Standard A-type)
- Rear USB (Standard A-type)
- Front-Aux-in
- Steering wheel control input (programmable)
- 4x50 Watt Max. + 4-channel Preamp-out
- Separate Sub-Out (var. gain/frequency)
- 3-band, semi-parametric Equalizer
- Sound presets (Rock,Pop, Classic)
- X-Bass
- 24 V operating voltage
- Short installation depth

**Sales Start**  
ON REQUEST

**Order Number**  
2 001 018 000 001

**EAN-Code**  
4 260 499 851 408

# HEAVY DUTY CAR RADIO

## DURBAN 224 DAB BT

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**DAB FEATURES**

DAB / DAB+	yes / yes
Band III / L-Band	yes / yes
Service Scan	yes
Preset stations	15 (DAB 1,2,3)
Ensemble / Programme	yes
Comfort browsing	yes
Programme scan	yes
Service link DAB-DAB	yes
Service link DAB-FM	yes
Service link DAB-DAB-FM	yes
Traffic announcement	yes (via FM RDS TA)
Radio text	no
PTY programmes	yes
Frequency response (Hz) +/- 3 dB	yes

**ANALOG RADIO**

Type of tuner	High-End Codem Automotive Tuner
World tuner (swtichable)	EU, Americas, Thailand
Wave bands	FM1, 2, MW, LW
Radio Data System (RDS)	Alternative Frequency (AF) Clock Time (CT) Enhanced Other Networks (EON) Programme Service Name (PS) Program Types (PTY) Regional Programme (REG) Traffic Announcement (TA) Traffic Program (TP)
Travelstore	yes (FMT)
Band Scan / Preset Scan	yes / yes
Station memory	25
Sensitivity	lo / dx
Interference suppression	yes
Frequency response (Hz) -3 dB	30 – 15.000

**BLUETOOTH**

Supported version Bluetooth 2.0 with EDR	
Supported profiles HFP, PBAP, A2DP, AVRCP, SPP	
Audio streaming	yes
Pairing (number of devices)	5
Pairing Code	1234
Hands-free calling via micro + radio speaker	
Hands-free volumevariable	
Microphone	built-in + external mic connector
Key functions	accept / hang-up / reject call / redial
Phone book access	yes (up to 1.000 entries by phone)
Twin Connect	yes (2 simultaneously connected phones for telephony)
Navigation Audio Mix	yes (Navigation commands via A2DP)
Auto Wake-Up	yes (radio switched off / ignition on)

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**DATA CARRIER**

USB	USB 2.0
Memory cards	no
Formatting USB	FAT 32, FAT 16

**MEDIA-PLAYER**

Playback format	MP3, WMA
Title display	ID3-tag (version 2), file, folder
Folder- & file browsing	yes (w/o track interruption)
Multiple folder level from MSD	yes
iPod, iPhone control	yes (via USB)
Android MP3 control	yes (with operation system Android 2.3 and higher)
Fast list browsing	yes (via second encoder)
Display modes	yes (file, folder, song, artist, album, clock, elapsed time, total time, all mode)
Display of characters	File name up to 50, tags up to 30
Variable display scrolling	yes (once / always if > 9 digits)
Mix / Repeat / Scanyes / yes / yes	
Fast media readingyes (from USB)	
Bitrate (kBit/s)	32 -320
Variable bitrates	yes

**EQUALIZER**

Number of bands/ Model	3 / semi-parametric
Bass / treble	yes / yes (+/- 7 steps)
Balance / fader	yes / yes (+/- 9 steps)
X-Bass	yes
Sound presets	Rock, pop, classic

**AMPLIFIER**

Number of channels	4
Max. power	4 x 50 Watt
Sinus power at 14.4 V	4 x 24 Watt

**DISPLAY**

Type / Digits	DOT (1-line) / 9
Angle	Wide-view
Colour	negative, black and white
Brightness	adjustable
Clock display	24 / 12 hrs

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**INPUTS**

Antenna (number of)	2 (FM ISO + DAB SMB)
USB (number of / type)	2 (front + rear / standard A-Typ)
iPod/iPhone	yes (via front + rear USB)
Memory cards	no
Microphone-In	yes (front)
Aux-In (number of, type)	1 (rear, RCA)
Telephone-mute / Line-In	yes / no
Steering wheel control	yes (analog programmable)

**OUTPUTS**

Loudspeaker (number of)	4
Pre-amplifier channel	4-channels (Cinch)
Pre-amplifier voltage	4 V
Variable amplifier delay time	yes
Sub-Out	yes (Cinch, var. gain/frequency)

**GENERAL**

Twin-Encoder concept	Left for volume control & mute Right exclusively for browsing, phone book, tuner & menu via USB
Software update	
Variable scan-time	yes
Confirmation beepyes (on/off)	
Front panel	Fix panel
Panel / decor-ring color	Black / black
Encoder / key illumination	Blue / Red
Operation voltage	18-32 V
Permanent preset storage	yes
Demo mode	yes
Weight (kg)	ca. 1,6
Height x Width x Depth (mm)	52 x 178 x 120
DAB-onglas antenna	included in delivery
IR-remote control	included in delivery
External hands-free microphone	optional

