

CAR RADIO BAMBERG 470 DAB BT

DAB+



Highlights

Sales Start
AUGUST 2017

Order Number
2 001 017 123 461

EAN-Code
4260 499 850 135

- High-End Codem Automotive Tuner
- FM (RDS), AM (MW,LW)
- DAB+ Tuner
- Twin-Encoder concept for fast and comfortable folder/file browsing
- Playback formats: MP3, WMA
- Fast playback from USB, SDHC, SD
- Selectable display modes (ID3-Tags, folder/playtime, clock, all mode)
- Data carrier: CD-DA, CD-R, CD-RW, USB, SDHC, SD
- Made for iPod, iPhone
- 15-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)
- SDHC-card slot (behind panel)
- 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
- Release Panel

Subject to availability and technical modification.

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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 (switchable)	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 volume	variable
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

CD	CD-DA, CD-R, CD-RW
Type disc-drive	Automatic loading
USB	USB 2.0
Memory cards	SDHC (up to 32 GB), SD, MMC
Formatting USB / SD	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 / Scan	yes / yes / yes
Fast media reading	yes (from USB, SDHC, SD)
Bitrate (kBit/s)	32 -320
Variable bitrates	yes

CD-PLAYER

Schock Proof Memory	yes
Frequency response (Hz) -1 dB	20 – 20.000

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) / 15
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 SMA)
USB (number of / type)	2 (front + rear / standard A-Typ)
iPod/iPhone	yes (via front + rear USB)
Memory cards	yes
Aux-In (number of, type)	1 front (3,5 mm jack)
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

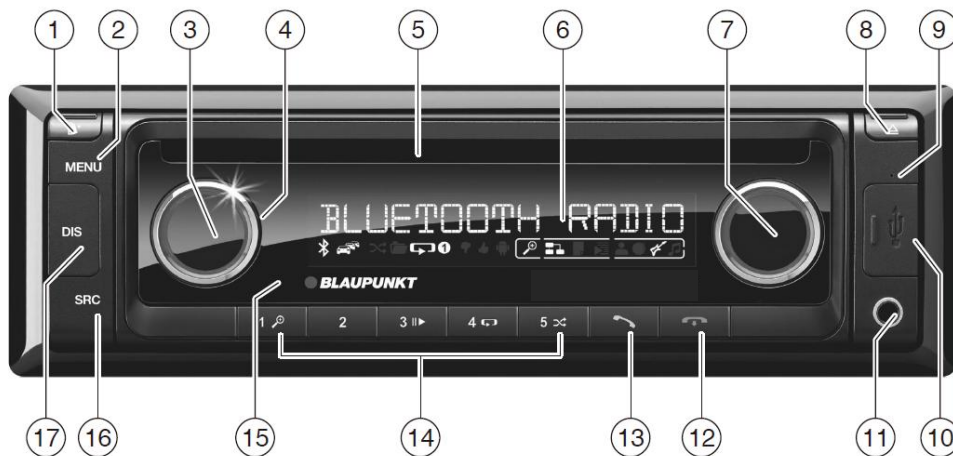
Twin-Encoder concept	Left for volume control & mute Right exclusively for browsing, phone book, tuner & menu
Software update	via USB
Variable scan-time	yes
Confirmation beep	yes (on/off)
Front panel	Release panel
Panel / decor-ring color	Black / black
Encoder / key illumination	Blue / White
Permanent preset storage	yes
Demo mode	yes
Weight (kg)	ca. 1,6
Height x Width x Depth (mm)	52 x 178 x 170
DAB-onglas antenna	yes
Panel case	yes
IR-remote control	yes
External hands-free microphone	yes
ISO connector cable set	yes
Rear distance screw	yes
Rear rubber pin guide	yes



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Controls



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| <p>1 button
Unlock the detachable control panel</p> <p>2 MENU button
<u>Short press:</u> Call up/close menu
<u>Long press:</u> Start scan function</p> <p>3 On/Off button
<u>Short press:</u> Switch on car sound system
<u>In operation:</u> Mute car sound system (Mute)
<u>Long press:</u> Switch off car sound system</p> <p>4 Volume control</p> <p>5 CD tray</p> <p>6 Display</p> <p>7 Rotary control
<u>In the menu:</u> Change menu level, select menu item, change setting
<u>Radio mode:</u> Set frequency, start station/PTY seek tuning
<u>CD/MP3/WMA/iPod mode:</u> Track selection, fast forward/reverse
<u>Browse mode in MP3/WMA/iPod mode:</u> ID3 category (iPod only), select folder and track</p> <p>8 button (Eject)
Eject a CD</p> <p>9 Microphone</p> | <p>10 Front USB port</p> <p>11 Front AUX-IN socket</p> <p>12 button
Ending/rejecting a phone call</p> <p>13 button
<u>Short press:</u> Answering a call, speed dial
<u>Long press:</u> Open the phone book of the cell phone or activate voice dialing</p> <p>14 Keys 1 - 5</p> <p>15 Infrared receiver</p> <p>16 SRC button
Select memory bank or audio source</p> <p>17 DIS button
<u>Short press:</u> Switch display
<u>Long press:</u> Switch display brightness</p> <p>18 SD card slot
Access only with detached control panel</p> |
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