

Blaupunkt Coach Systems – Superior Comfort and Convenience.

Blaupunkt is a leading innovator in mobile communications. Years of experience and keeping one eye on the future have made us the market leaders in professional coach systems that we are today. Our continuous development of components enables us to build flexible multimedia systems that can be combined to suit your individual needs and integrated perfectly into any coach. Our systems are developed and built to suit the particular needs of the coach industry and undergo special quality testing to ensure that they are ready for the coach environment. Experience, innovation and quality – our ingredients in a recipe designed to guarantee your satisfaction.

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Coach Audio Systems
for safe driving
and first-class reception



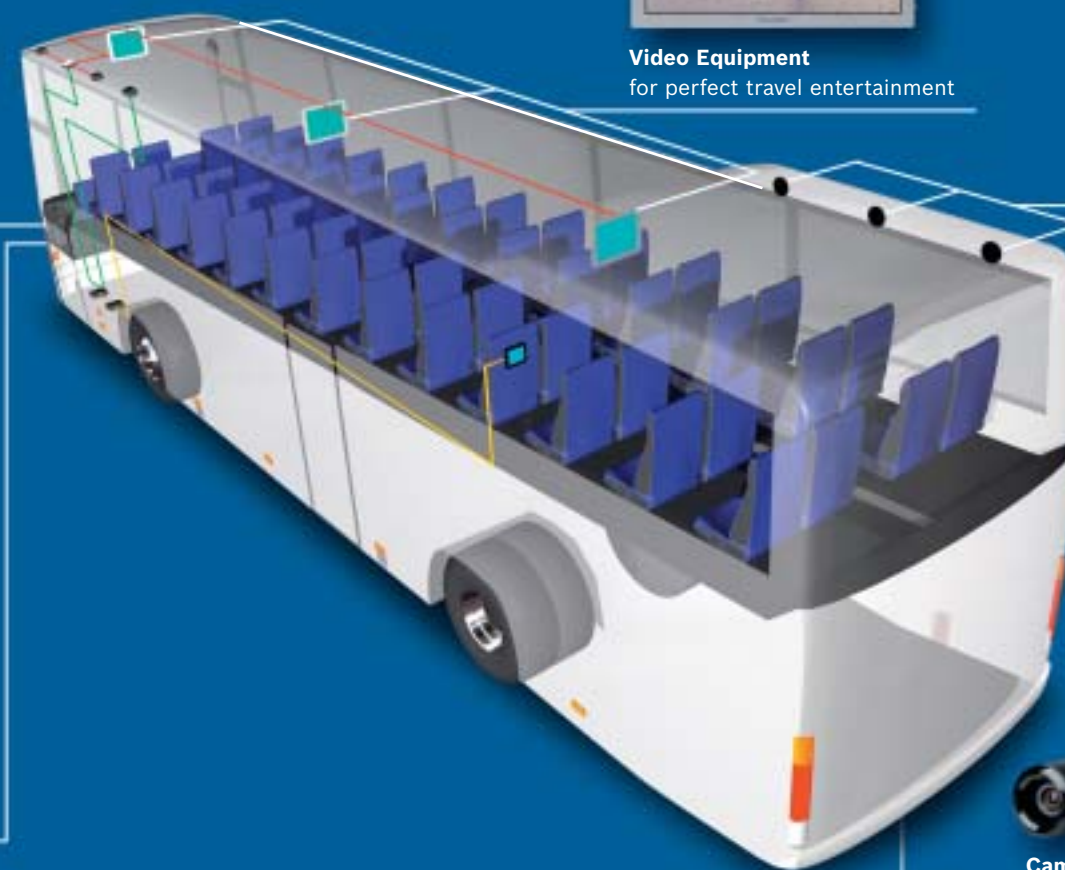
Proactive Navigation
to detour traffic congestion, depending on
the current traffic conditions



Video Equipment
for perfect travel entertainment



Sound and Accessories
for individual convenience



Camera Systems
for safe reversing
and monitoring of the coach interior



Blaupunkt's sophisticated audio systems are based on the latest technology standards and user-friendly solutions. Experience information and entertainment from a single source – enhanced convenience for the driver and the passengers. The head units, microphone systems and seat modules designed especially for coaches make the entire spectrum of modern audio systems available.

Coach Audio.

Professional Line.

The Blaupunkt "Professional Line" multimedia coach system is a high-end solution for coaches with 24-volt on-board networks. The Professional Line consists of a head unit (CCU MP3) which controls the audio, video and navigation components connected, an amplifier (CPA) with separate end stages for the driver and passengers and a DVD player equipped with an integrated display (CVX) to show the

sources and functions selected. The amplifier is available in two different end stages. The dynamic, DVD-based TravelPilot Coach Professional navigation system can be completely integrated into the system and controlled using the CCU MP3 head unit. The multimedia function display (CLX) or alternatively, the navigation monitor provide a graphical display of the coach system sources and functions selected.

Other such external components as a mobile telephone, driver warning system, camera and iPod can be added to the system at any time. An integrated CAN interface enables the display of navigation information (driving direction symbols) and information from the coach system (source and function selected) on the vehicle-specific instrument cluster (depending on the manufacturer).



CCU 02 MP3 Professional



The CCU MP3 head unit is the heart of the high-end "Professional Line" coach system. It controls all the audio, video and navigation components connected. The CCU MP3 also includes a radio and an MP3-enabled CD drive.

- Operating voltage: 12 V via CPA
- Operating temperature: - 20° to + 70° C
- Installation angle: - 10° to + 60°
- Standards: e1, FCC, CE, WEEE

Radio

- RDS-EON radio
- 3 wavebands (FM, MW, LW)
- 30 station presets on 5 memory levels
- Digital signal processing (DigiCeiver)
- Optimised digital channel separation (SHARX®)
- Travelstore and Traffic Announcement

CD

- CD drive with 8 x oversampling
- Formats: Audio CD (CDDA), CD-R, CD-RW, MP3/WMA CD
- Shock Memory for MP3/WMA 3-5 seconds
- CD mix
- MP3 functionality

Special features

- Separate tone control for driver and passengers
- MAP key to display navigation map on the passenger monitors
- CAM key to display camera pictures on the driver monitor and to switch between the four possible cameras
- NAV key to display navigation on the multimedia function display or navigation monitor
- 3 microphone input jacks with priority switch for the driver microphone
- Hands-free telephone system via CDM 04 GSM driver microphone (only with the connection of a mobile telephone to the CPA)
- Night design (green, red, yellow)
- Display of pictures in JPG format with background music on the passenger monitors

CVX 02 Professional



The Professional Line display unit with an integrated DVD drive serves to display the audio and video components selected with their corresponding menus and functions in the driver cockpit and the passenger cabin.

- Operating voltage: 12 V via CPA
- Operating temperature: - 20° to + 70° C
- Installation angle: - 90° to + 90°
- Standards: e1, FCC, CE, WEEE
- System: PAL, NTSC
- On-Screen Display (OSD)
- Dolby Digital support
- IR remote control unit for passenger functions included

DVD

- CD/DVD drive with 8 x oversampling
- Region Code: 1, 2, 4, 5
- Formats: DVD±R (not DL), DVD±RW (not DL), SVCD, VCD, JPEG, audio CD (CDDA), CD-R, CD-RW, MP3/WMA-CD
- Shock Memory for DVD 2-3, for SVCD/VCD 5, for CDDA 22 and for MP3/WMA 12 seconds
- DVD/CD Mix

Special features

- Station and operating keys for radio functions
- Key to switch external monitors on and off manually
- Display colour switch (green, red, yellow)
- Integrated video switch and connection option for an external video source

What Power.



CPA 81

The CPA 81 coach amplifier offers two separate end stages for the driver and passengers, each equipped with 2 x 20 watts of power, and serves as the central power supply for the system components.

- Operating voltage: 24 V
- Output power: 4 x 20 W
- Operating temperature: - 20° to + 70° C
- Enclosure: Black metal

- Dimensions (W x H x D): 218 x 55 x 217.5 mm
- Weight: 2.0 kg
- Installation angle: Unlimited
- Standards: e1, FCC, CE, WEEE

Special features

- Input jacks for 6 audio/video sources (radio, CD, CD changer, DVD, TV, video)
- Inputs for 3 external AF sources (mobile telephone, driver warning system, navigation); voice emitted via driver speaker
- Power supply for CVX, CCU MP3, CD changer, DVP, MVP and hands-free system
- MAS output for CD changer and video
- Network via CAN
- Telephone mute
- Source-specific level adjustment
- Bass/treble/balance
- 12 V output for further external devices



CPA 121

The CPA 121 coach amplifier shows off with three separate end stages for the driver and passengers with 2 x 20 watts of power each, making it the ideal choice for double-decker coaches as well.

Same features as for the CPA 81

Special features

- Output power: 6 x 20 W
- Input jacks for 7 audio/video sources (radio, CD, 2 x CD changer, DVD, TV, video)
- Line-out for a second amplifier (cascading)
- Bass/treble/balance/fader

Classic Line. Two in One.

Two programmes in one system: thanks to the separate setting options, the driver and the passengers can select music or video programmes independently of one another. The Classic Line consists of the coach head unit (CCA 41) and the coach radio with a CD drive (CRD 41) or cassette deck (CRC 41). All the units are equipped with an integrated amplifier with 2 x 20 watts of power. The perfect choice for city busses or long-distance coaches.

Coach Control Amplifier CCA 41



The CCA 41 head unit can be used to select any of the sound sources connected such as the radio/cassette deck/CD driver, CD changer, DVD player or video player for the passenger cabin.

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Installation angle: Unlimited
- Standards: e1, FCC, CE, WEEE
- Output power: 2 x 20 W

Special features

- Bass/treble/balance/fader for the passenger cabin
- Active passenger sources are indicated on the display
- Source selection keys for radio, cassette/CD, CD changer and video
- 2 microphone input jacks with priority switch for the driver microphone
- Night design for the operating keys
- Integrated 24-V relay to directly switch on a Blaupunkt video system
- Key (CTRL) for external source

Coach CRC 41



The CRC is a 24-volt radio with a cassette deck. Available in the Europe (CRC 41) or NAFTA (CRC 42) versions.

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Installation angle: - 45° to + 90°
- Standards: e1, FCC, CE, WEEE
- Output power: 2 x 20 W

Radio

- RDS-EON-PTY radio
- 3 wavebands (FM, MW, LW)
- 25 station presets on 5 memory levels
- Travelstore and Traffic Announcement

Cassette

- Mechanical cassette deck
- Autoreverse

Amplifier

- Bass/treble/balance/fader
- Source-specific tone control
- Preamp-out for additional amplifier

Special features

- Input for CD changer
- Input for external AF source (mobile telephone, driver warning system)
- Sound output for telephone, driver warning system and navigation
- Telephone mute
- 2 microphone input jacks with priority switch for the driver microphone
- Night design for the operating keys
- Fixed level output (tandem) for radio and cassette deck to connect the CCA 41

Coach CRD 41



Nothing can shake up a CD drive from Blaupunkt. The 24-volt CD version is available for Europe (CRD 41) or for NAFTA (CRD 42).

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Installation angle: - 10° to + 105°
- Standards: e1, FCC, CE, WEEE
- Output power: 2 x 20 W

Radio

- RDS-EON-PTY radio
- 3 wavebands (FM, MW, LW)
- 25 station presets on 5 memory levels
- Travelstore and Traffic Announcement

CD

- CD drive with 8 x oversampling
- Formats: Audio-CD (CDDA)
- CD Mix, Scan, Repeat

Amplifier

- Bass/treble/balance/fader
- Source-specific tone control
- Preamp-out for additional amplifier

Special features

- Input for CD changer
- Input for external AF source (mobile telephone, driver warning system)
- Sound output for telephone, driver warning system and navigation
- Telephone mute
- 2 microphone input jacks with priority switch for the driver microphone
- Night design for the operating keys
- Fixed level output (tandem) for radio and cassette deck to connect the CCA 41

Basic Line. An optimum start.

If it's the essentials you want to concentrate on, Blaupunkt offers you this series with a functionally optimised audio/video system for your coach. The Basic Line consists of a 24-V radio (available with either a CD drive or a cassette deck) and an amplifier with a separate operating panel for the audio and video sources installed in the passenger cabin.

Coach CRD 41



Features: See page 9

Coach CRC 41



CVA Remote Panel



Operating panel for the CVA amplifier to control the volume and select the source for the passenger cabin.

- Operating voltage: Power supply via CVA
- Operating temperature: - 20° to + 70° C
- Enclosure: Black plastic

- Dimensions (W x H x D): 51.5 x 31.5 x 20 mm
- Weight: 30 g
- Standards: e1, FCC, CE, WEEE
- Installation angle: Unlimited

CVA 24



Audio and video sound amplifier for the passenger cabin with 4 source input jacks.

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Enclosure: Unpainted/black metal
- Dimensions (W x H x D): 137 x 56 x 97.5 mm
- Weight: 740 g
- Standards: e1, FCC, CE, WEEE
- Installation angle: Unlimited
- Output power: 2 x 20 W

Special features

- 2 microphone input jacks with priority switch for the driver microphone
- Microphone announcement possible even when the source is switched off
- Inputs for 4 audio/video sources (radio, CD/CC, CD changer, DVD/TV/video)
- Level setting for microphone and audio sources

Additional Audio Devices. For anyone who wants more.

CDC-A08-T CD changer



Your top hits on the road – the CDC-A08-T 10-disc CD changer offers your passengers CD sound that's as clear as a bell. The unit is operated via the coach head unit. Special advantages include high resistance to vibration and such environmental factors as heat and dust.

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Enclosure: Black metal/plastic
- Dimensions (W x H x D): 245 x 86 x 197 mm
- Weight: 2.6 kg
- Standards: e1, FCC, CE, WEEE
- Installation angle: 0° +5°/+40° +50°/+85° +90°
- Formats: Audio CD (CDDA)

TA 41



The TA 41 stereo amplifier was designed to amplify audio sources in vehicles with 24-V power supplies.

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Enclosure: Unpainted/black metal
- Dimensions (W x H x D): 132 x 54 x 70 mm
- Weight: 450 g
- Standards: e1, FCC, CE, WEEE
- Installation angle: Unlimited
- Output power: 2 x 20 W

BPA 49



The microphone amplifier to connect to 24-V coach radios. The amplifier has 2 microphone input jacks with a priority switch for the driver microphone. The amplifier is also equipped with level adjustment for the microphones connected. And of course, microphone announcements can also be made when the radio is switched off.

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Enclosure: Unpainted/black metal
- Dimensions (W x H x D): 167 x 56 x 97.5 mm
- Weight: 950 g
- Standards: e1, CE, WEEE
- Installation angle: Unlimited
- Output power: 2 x 20 W

CMA 12 V



The microphone amplifier to connect to 12-V passenger car radios. The amplifier has 2 microphone input jacks with a priority switch for the driver microphone. The amplifier is also equipped with level adjustment for the microphones connected. And of course, microphone announcements can also be made when the radio is switched off.

- Operating voltage: 12 V
- Operating temperature: - 20° to + 70° C
- Enclosure: Unpainted/black metal
- Dimensions (W x H x D): 167 x 56 x 97.5 mm
- Weight: 750 g
- Standards: e1, FCC, CE, WEEE
- Installation angle: Unlimited
- Output power: 2 x 20 W

Microphones. All loud and clear!

The Blaupunkt driver microphones will make your passengers sit up and listen. The new, innovative CDM 04 GSM driver microphone is particularly convenient. It was designed as an alternative to the standard gooseneck microphones for driver announcements as well as for telephone operation (in conjunction with a conventional hands-free system). The dynamic microphone can be mounted either to the left or right of the driver's seat and moved vertically to seven different click-in positions. In addition, the microphone can also be easily swivelled 90 degrees upwards or 30 degrees to either side, thus providing for optimum adjustment to the driver's individual body size and arm reach. Another advantage: When an incoming telephone call is detected, the Blaupunkt Professional Line automatically switches to telephone operation in the cockpit, whereby the speaker integrated into the base of the microphone ensures that only the driver hears the telephone ring and the caller's voice. To further optimise telephone operation, the position of the speaker's sound emission opening to the microphone capsule corresponds to the distance from the mouth to the ear.



CDM 04 GSM

- Operating voltage: Not required due to dynamic microphone
- Operating temperature: - 20° to + 70° C
- Conversion principle: Dynamic
- Frequency response: 100 – 12,000 Hz
- Sensitivity: - 60 dB
- Nominal impedance: 240 W

This microphone is also available as an announcement microphone (CDM 04) without the telephone hands-free function.

CDM 07 Gooseneck Microphone



The solid gooseneck microphone equipped with a switch (CDU 07 S) or without a switch (CDU 07) was specially designed to be connected to a Blaupunkt coach system and for professional use in a coach. The driver can use this microphone to safely announce important information at any time.

- Operating voltage: Not required due to dynamic microphone
- Operating temperature: - 20° to + 70° C
- Conversion principle: Dynamic
- Frequency response: 200 – 10,000 Hz
- Sensitivity: - 78 dB
- Nominal impedance: 200 W
- Colour: Black
- Length: 800 mm

CDM 07 S Handheld Microphone



The handheld microphone was specially designed to be connected to a Blaupunkt coach system and for professional use in a coach. The extensive range of accessories ensures that the microphone can be safely stored in the cockpit and provides the travel guide with a sufficient radius of action.

- Operating voltage: Not required due to dynamic microphone
- Operating temperature: - 20° to + 70° C
- Conversion principle: Dynamic
- Frequency response: 200 – 10,000 Hz
- Sensitivity: - 78 dB
- Nominal impedance: 200 W
- Colour: Black
- Length: 92.5 mm



Multi-channel Audio Systems – MAS. To each his own ...

... thanks to the Blaupunkt Multi-channel Audio System, this is what you can offer to your passengers by way of musical entertainment. Each passenger can choose from among up to eight different audio sources and select the volume he or she prefers. This means that everyone can listen to their favourite music without disturbing their neighbours.

MAS head unit



The MAS head unit is able to accommodate up to eight audio sources and distribute them on four main lines to each of which up to 25 seat modules can be connected.

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Enclosure: Black metal
- Dimensions (W x H x D): 230 x 55 x 180 mm
- Weight: 2 kg
- Standards: e1, WEEE
- Installation angle: Unlimited

MAS Seat Module (click-in and screw-in)



Ultimate convenience! The 8-channel seat module allows your passengers to select their own personal programme from what the radio, CD or TV/video sound has to offer and to listen to it in the volume they choose. A digital display lets them know what they have selected. Entertainment as perfect as this makes travelling time fly. Any commercially available set of ear-phones can be plugged into the earphone jack.

- Operating voltage: Power supply via the MAS head unit
- Operating temperature: - 20° to + 70° C
- Enclosure: Black plastic
- Dimensions (W x H x D): 51,5 x 31,5 x 20 mm
- Weight: 30 g
- Standards: e1, FCC, CE, WEEE
- Installation angle: click-in, screw-in, unlimited

MAS Terminal Distributor



The MAS distributor is used in the main line of the Multi-channel Audio System and distributes the multiplex signal to the connected seat modules and to loop the signal into the next distributor.

- Operating voltage: Power supply via the MAS head unit
- Operating temperature: - 20° + 70° C
- Enclosure: Unpainted metal
- Dimensions (W x H): 64 x 31 mm
- Weight: 46 g

MAS Terminal Resistor



The terminal resistor is used to match the resistance to the characteristic impedance of the MAS system.

- Operating voltage: Power supply via the MAS head unit
- Operating temperature: - 20° to + 70° C
- Enclosure: Unpainted metal
- Dimensions (W x H x D): 93,5 x 38 x 22 mm
- Weight: 50 g
- Standards: e1, FCC, CE, WEEE



Coach Video.

Enjoy your travels! On long-haul flights, it has already been the standard for years. And now a TV video system is an absolute must on board modern luxury coaches as well! Blaupunkt offers a complete information and entertainment system for your vehicles with a wide range of options – from DVD and video players to TV tuners and right on up to coach monitors in a variety of different sizes.

Tube Monitors – the entry-level programme.

14" Tube Monitor Design



This design monitor was specially developed to meet the demands of long years of mobile operation. An automatic-contact quick-change mounting system simplifies trouble-free installation and removal. Thanks to the extremely flat mounting bracket, the monitor is perfect for hanging from the ceiling or overhead ventilation ducts.

- Screen diagonal: 340 mm
- Screen format: 4:3
- System: PAL, Secam, NTSC
- Operating voltage: 24 V
- Operating temperature: - 10° to + 55° C
- Enclosure: Grey plastic
- Dimensions (W x H x D): 354 x 274 x 358 mm
- Weight: 14 kg
- Standards: e1, FCC, CD, WEEE
- Monitor settings: Brightness, contrast, colour saturation

Quick-change mounting bracket available separately for the 14" tube monitors.

- Enclosure: Grey metal
- Dimensions (W x H): 335 x 232 mm
- Weight: 3 kg

14" Tube Monitor Built In



The integration version of the 14" design monitor – with all the advantages and outstanding reliability of Blaupunkt on-board monitors.

Quick-change mounting bracket available separately for the 14" tube monitors.

- Screen diagonal: 340 mm
- Screen format: 4:3
- System: PAL, Secam, NTSC
- Operating voltage: 24 V
- Operating temperature: - 10° to + 55° C
- Enclosure: Unpainted metal
- Dimensions (W x H x D): 339 x 265 x 358 mm
- Weight: 12 kg
- Standards: e1, FCC, CD, WEEE
- Monitor settings: Brightness, contrast, colour saturation

21" Tube Monitor Built In



Specially developed for mobile operation, the 21" built-in monitor scores big points for its extra large screen.

- Screen diagonal: 510 mm
- Screen format: 4:3
- System: PAL, Secam, NTSC
- Operating voltage: 24 V
- Operating temperature: - 10° to + 55° C
- Enclosure: Unpainted metal
- Dimensions (W x H x D): 462 x 367 x 464 mm
- Weight: 25.8 kg
- Standards: e1, FCC, CE, WEEE
- Monitor settings: Brightness, contrast, colour saturation

6.4" LCD Flip Down



A flat LCD monitor with outstanding picture clarity and colour reproduction – especially well-suited for double-decker vehicles. The monitor folds out at the touch of a button and fine adjustments can be made manually.

- Screen diagonal: 162 mm
- Screen format: 4:3
- Viewing angle (H/V): $\pm 60^\circ/- 55^\circ$ to $+ 40^\circ$
- Resolution: 320 x 234 pixels

- LCD brightness: $\geq 300 \text{ cd/m}^2$
- System: NTSC
- Operating voltage: 12/24 V
- Operating temperature: $- 20^\circ$ to $+ 70^\circ \text{ C}$
- Enclosure: Grey plastic
- Dimensions (W x H x D): 237 x 230 x 57 mm
- Weight: 1.1 kg
- Standards: e1, FCC, CE, WEEE
- Monitor settings: Brightness

6.5" CLM Design or Built In



Without an enclosure, this monitor was designed especially for installation in dashboards or seat backs. The CLM is also available with a designer faceplate.

- Screen diagonal: 164 mm
- Screen format: 16:9
- Viewing angle (H/V): $\pm 65^\circ/- 40^\circ$ to $+ 65^\circ$
- Resolution: 400 x 234 pixels
- LCD brightness: $\geq 420 \text{ cd/m}^2$

- System: PAL, Secam, NTSC
- Operating voltage: 12/24 V
- Operating temperature: $- 30^\circ$ to $+ 60^\circ \text{ C}$
- Enclosure: Unpainted metal
- Dimensions (W x H x D): 162 x 109,1 x 28 mm
- Weight: 600 g
- Standards: e1, FCC, CE, WEEE
- Monitor settings: Brightness, contrast, colour saturation, tint

15" LCD Eco Design



The Blaupunkt Eco Design LCD monitors combine outstanding picture characteristics with a competitive price. This functionally optimised 15" LCD monitor is the best in its class.

- Screen diagonal: 380 mm
- Screen format: 4:3
- Viewing angle (H/V): $\pm 75^\circ/- 60^\circ$ to $+ 50^\circ$
- Resolution: 1024 x 768 pixels

- LCD brightness: $\geq 200 \text{ cd/m}^2$
- System: PAL, Secam, NTSC
- Operating voltage: 24 V
- Operating temperature: 0° to $+ 60^\circ \text{ C}$
- Enclosure: Grey metal
- Dimensions (W x H x D): 338 x 230 x 40,2 mm
- Weight: 2.9 kg
- Standards: e1, FCC, CE, WEEE
- Monitor settings: Brightness, contrast, colour saturation, tint

Flip Down Module for 15" LCD monitor



This module makes it possible to automatically swivel the Blaupunkt 15" LCD monitors in and out.

Blaupunkt flat screens not only save space, they also set new standards in terms of technology, installation flexibility and design. That's why they are so easy to use and can be integrated into any coach interior.

LCD Monitors. Cinema-like quality.

15" LCD Premium Flip Down



Innovative swivel monitor that does not interfere with the 1.9 m aisle height prescribed by EU regulations. Thanks to its patented mechanism, the monitor can be easily pushed away in either direction in the event of any danger so that the aisle is no longer blocked. A technological challenge because the monitor has to be stable as well as flexible. The monitor also stands out by virtue of its excellence picture quality.

- Screen diagonal: 380 mm
- Screen format: 4:3

- Viewing angle (H/V): $\pm 85^\circ/\pm 85^\circ$
- Resolution: 1024 x 768 pixels
- LCD brightness: $\geq 200 \text{ cd/m}^2$
- System: PAL, Secam, NTSC
- Operating voltage: 12/24 V
- Operating temperature: 0° to $+ 50^\circ \text{ C}$
- Enclosure: Grey plastic
- Dimensions (W x H x D): 384.6 x 283 x 63.8 mm
- Weight: 4.85 kg
- Standards: e1, FCC, CE, WEEE
- Monitor settings: Brightness, contrast, colour saturation, tint

15" LCD Premium Design



High-tech LCD monitor with brilliant sharpness and colour reproduction. The VGA interface on the monitor can be used to show presentations from an external computer.

- Screen diagonal: 380 mm
- Screen format: 4:3
- Viewing angle (H/V): $\pm 85^\circ/\pm 85^\circ$
- Resolution: 1024 x 768 pixels
- LCD brightness: $\geq 200 \text{ cd/m}^2$

- System: PAL, Secam, NTSC
- Operating voltage: 12/24 V
- Operating temperature: 0° to $+ 50^\circ \text{ C}$
- Enclosure: Grey metal
- Dimensions (W x H x D): 338 x 261 x 40.2 mm
- Weight: 3.7 kg
- Standards: e1, FCC, CE, WEEE
- Monitor settings: Brightness, contrast, colour saturation, tint

17" LCD Premium Design



Newly developed high-tech LCD monitor equipped with an ultra-flat screen. Includes a VGA interface.

- Screen diagonal: 432 mm
- Screen format: 4:3
- Viewing angle (H/V): $\pm 89^\circ/\pm 89^\circ$
- Resolution: 1280 x 1024 pixels
- LCD brightness: $\geq 280 \text{ cd/m}^2$

- System: PAL, Secam, NTSC
- Operating voltage: 1/24 V
- Operating temperature: 0° to $+ 50^\circ \text{ C}$
- Enclosure: Grey metal
- Dimensions (W x H x D): 370 x 304 x 45 mm
- Weight: 3.8 kg
- Standards: e1, FCC, CE, WEEE
- Monitor settings: Brightness, contrast, colour saturation, tint

23" LCD Premium Design



Extra-large, high-tech LCD monitor with excellent picture quality. Includes a VGA interface. Entertainment in a new dimension.

- Screen diagonal: 582 mm
- Screen format: 16:9
- Viewing angle (H/V): $\pm 85^\circ/\pm 85^\circ$
- Resolution: 1366 x 768 pixel
- LCD brightness: $\geq 400 \text{ cd/m}^2$

- System: PAL, Secam, NTSC
- Operating voltage: 24 V
- Operating temperature: 0° to $+ 50^\circ \text{ C}$
- Enclosure: Grey metal
- Dimensions (W x H x D): 559.5 x 322.5 x 54 mm
- Weight: 6 kg
- Standards: e1, FCC, CE, WEEE
- Monitor settings: Brightness, contrast, colour saturation, tint

Video Sources – Variety is the key.

DVP 01 C DVD Player



The DVP 01 C mobile DVD player delivers best picture reproduction in perfect DVD quality. It can also playback music CDs and MP3s. The perfect addition to your Blaupunkt video system.

- System: PAL, NTSC
- Operating voltage: 12/24 V
- Operating temperature: - 15° to + 60° C
- Enclosure: Black plastic/metal
- Dimensions (W x H x D): 170 x 75 x 248 mm

- Weight: 2.3 kg
- Standards: e1, FCC, CE, WEEE
- Installation angle (H/V): ± 45°/± 45°
- Formats: DVD (not DL), SVCD, VCD, audio CD (CDDA), CD-R, MP3-CD
- Shock Memory: DVD 3 – 4 sec, CD 8 sec
- Region Code: 1, 2, 4
- On-Screen Display (OSD)
- Remote control of basic functions via CCU/CCA head unit, IR remote control included

DVC 03 C DVD Changer



Having to insert and remove your DVDs one at a time is now a thing of the past: thanks to the new 6-disc DVD changer including remote control and infrared eye.

- System: AL, NTSC
- Operating voltage: 12/24 V
- Operating temperature: - 25° to + 70° C
- Enclosure: Black plastic/metal
- Dimensions (W x H x D): 230 x 82 x 179 mm
- Weight: 2.3 kg

- Standards: e1, FCC, CE, WEEE
- Installation angle: - 15° to + 105°
- Formats: DVD (not DL), SVCD, VCD, audio CD (CDDA), CD-R, CD-RW, MP3 CD
- Shock Memory: DVD 3 – 4 sec, CD 8 sec
- Region Code: 2
- On-Screen Display (OSD)
- DTS support
- Dolby Digital support
- Remote control of basic functions via CCU/CCA head unit, IR remote control included

MVP 02 Video Player



Compact, very robust video player – specially designed for mobile operation to entertain your passengers with the latest movies and information and make travelling time fly.

- System: PAL, Secam
- Operating voltage: 12/24 V
- Operating temperature: - 20° to + 70° C
- Enclosure: Black plastic/metal

- Dimensions (W x H x D): 250 x 97.5 x 272 mm
- Weight: 3.4 kg
- Standards: e1, FCC, CE, WEEE
- Installation angle: - 5° to + 5°
- Formats: VHS
- On-Screen Display (OSD)
- Remote control of basic functions via CCU/CCA head unit, IR remote control included

TV Tuner 04



The epitome of convenience and entertainment: The TV receiver for mobile reception offers even more films and information. Now your passengers won't miss a thing during their trip and can tune into international football matches or Formula-1 races.

- System: PAL, Secam
- Operating voltage: 12/24 V
- Operating temperature: - 20° to + 70° C

- Enclosure: Black metal
- Dimensions (W x H x D): 260 x 115 x 30 mm
- Weight: 650 g
- Standards: e13, FCC, CE, WEEE, ROHS
- Installation angle: Unlimited
- On-Screen Display (OSD)
- Remote control of basic functions via CCU/CCA head unit, IR remote control included

FBAS/RGB Converter



Displays video sources (TV, DVD/video, backup camera) on the navigation monitor. The converter can also supply a camera with 12 V of power.

- Operating voltage: 12/24 V
- Operating temperature: - 20° to + 70° C
- Dimensions (W x H x D): 178 x 39.3 x 101 mm
- Weight: 500 g
- Standards: e1, CE, WEEE
- Installation angle: Unlimited

RGB/FBAS Converter



Displays the navigation map on coach monitors.

- Operating voltage: 12/24 V
- Operating temperature: - 20° to + 70° C
- Dimensions (W x H x D): 178 x 39.3 x 101 mm
- Weight: 500 g
- Standards: e1, FCC, CE, WEEE
- Installation angle: Unlimited

VGA Splitter



The VGA splitter lets you connect several monitors with a VGA interface to a computer output.

- Operating voltage: 12/24 V
- Operating temperature: - 20° to + 70° C
- Dimensions (W x H x D): 139 x 29 x 65.6 mm
- Weight: 225 g
- Standards: e1, FCC, CE, WEEE
- Installation angle: Unlimited

Audio/Video Switch



The audio/video switch lets you connect two video sources to the Blaupunkt coach system.

- Operating voltage: 12/24 V
- Operating temperature: - 20° to + 70° C
- Dimensions (W x H x D): 157.5 x 35.5 x 87 mm
- Weight: 350 g
- Standards: e1, FCC, CE, WEEE
- Installation angle: Unlimited

Video Amplifier



So that you can enjoy excellent picture quality even when there are several different monitors installed in the coach.

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Enclosure: Black metal
- Dimensions (W x H x D): 112.8 x 42.7 x 47.7 mm
- Weight: 250 g
- Standards: e1, FCC, CE, WEEE
- Installation angle: Unlimited

Video Components -
Convenience coupled with
performance.

Coach Navigation.



Thanks to Blaupunkt's proactive, dynamic screen navigation, your drivers will always know exactly where they're going. Precise route guidance throughout Europe is supported by a natural-sounding voice, large, unmistakable arrows and an easy-to-read display, which also shows different additional information (arrival time, distance remaining, etc.). The modern screen can display detailed maps in different views. And to make sure that operation is easy right from the start, the system has been equipped with intuitive, clearly structured menus and convenient operation via infrared remote control.

Your route is under control

The Blaupunkt TravelPilot provides your drivers with a high degree of flexibility. Traffic jams, diversions, changes to the tour schedule or a new destination? The TravelPilot helps your drivers master every new situation. The TravelPilot's large colour display and handy keyboard provide first-rate ergonomics in the cockpit. The map display contains a whole wealth of information to suit the configured map scale. Destinations that are driven to often can be accessed quickly from memory. This avoids round-about routes and wide main roads take you straight to your destination – and in some towns straight to the correct house number.

Safely detour traffic congestion

The D-Namic tuner box often lets the TravelPilot know about traffic jams even before they are broadcast as traffic announcements. It uses the traffic jam coordinates, length and expected average speed to recalculate the route and quickly provide a sensible alternative if one is available. It's simple and automatic.

Flexibility is the key

A diversion? The large monitor shows the driver possible detours. A new destination? The TravelPilot calculates a new route within seconds.

Navigation is entertainment

Your passengers can follow the exact route on-screen. The map showing towns, rivers, roads and surrounding landscape is interesting and helps to paint a clearer picture of the journey. Even sights of interest are displayed and your passengers can be informed about when the next short break will be taken, so there is no need for anyone to ask.



Always see
the big picture.

TravelPilot EX-V Coach Professional

The TravelPilot EX-V Coach Professional now guides your drivers stress-free through busy road traffic to virtually anywhere in Europe. The navigation DVD that belongs to the series contains information on more than 5 million kilometres of the road networks in 26 different European countries. In addition, it knows more than 600,000 Points of Interest. The third-generation TravelPilot Coach Professional continues on in the tradition of the highly acclaimed precision of the Blaupunkt systems. The innovative, powerful processor technology provides for an extra push in quick route calculation. And this new unit is perfectly compatible with all its predecessors, which makes it simple to retrofit in any vehicle makes and models. And during the trip, the TravelPilot EX-V Coach Professional can even take over navigation dynamically. In this case, it evaluates all the information on the current traffic conditions broadcast by radio stations on the Traffic Message Channel (TMC) and can conveniently detour any traffic congestion reported on the route up ahead. The new system can now use this dynamic route guidance function in Europe on main national roads as well as on motorways.

- Operating voltage: 12 V
- Operating temperature: - 15° to + 60° C
- Enclosure: Black plastic, unpainted metal
- Dimensions (W x H x D): 179 x 51.3 x 214 mm
- Weight: 1.35 kg
- Installation angle: - 20° to + 55°
- Standards: e1, CE, WEEE

Special features

- Traffic congestion avoidance: Fully automatic, dynamic route guidance via RDS/TMC (Important: Suitable TMC source required)
- Exact: Route guidance using easy-to-understand symbols, an informative map and a pleasant-sound voice
- Point-of-view: Route guidance is visualised in different screen views (arrow/map at the same time, large map or arrow) and map views (due north, automatic, junction zoom)
- User-friendly: Operating Assistant, Operating Introduction, QuickInfo
- Informative: On-board computer functions (display of arrival time and remaining kilometres, current speed, kilometres driven, total driving time, average speed), 46 information symbols, such as petrol stations, tourist attractions and parking, can be added
- Flexible: TMC route option, quick/short/optimum route; avoid motorway/ferry/toll road; block route sections and traffic congestion ahead function
- Memorable: Destination memory for the last 12 destinations, memory in alphabetical order or by user priority, tour memory
- Locating: Via gyroscope, speed pulse and GPS
- Upgradeable: Different components can be connected at a later date (for dynamic navigation, steering wheel remote control, video etc.)

Monitor

- Large format: Modern design in 16:9 format
- Flexible: Height, contrast and brightness can be adjusted
- Theft protection: Monitor is easy to remove
- Great sound: Via the integrated speaker



CLX 01 Multimedia Display

The CLX 01 is an 6.5" LCD monitor in 16:9 screen format that displays video pictures (from DVD/video player, TV, cameras), menu graphics (from the Professional Line audio coach system) and navigation maps (from the TravelPilot Coach Professional). It is installed in the coach cockpit and connected to the CCU of the Professional Line. The passenger monitors can also be connected to the CLX so that the video and navigation pictures can also be shown on the passenger monitors via the integrated converter. Up to four cameras can be supplied with 12 V via the CLX.



Menu screen



Camera screen

- Screen diagonal: 164 mm
- Screen format: 16:9
- Viewing angle (H/V): ± 65°/- 40° to + 65°
- Resolution: 400 x 234 pixel
- LCD brightness: ≥ 420 cd/m²
- System: NTSC
- Operating voltage: 12/24 V
- Operating temperature: - 30° to + 60° C
- Enclosure: Black plastic
- Dimensions (W x H x D): 164 x 109.2 x 47.3 mm
- Weight: 840 g
- Standards: e1, FCC, CE, WEEE
- Monitor settings: Brightness, contrast, colour saturation, tint



D-Namic Tuner Box

Dynamic navigation with the D-Namic tuner box. The TMC tuner automatically looks for all the available TMC traffic radio stations and forwards incoming messages to the TravelPilot EX-V/DX-V as it receives them. The TravelPilot then analyses and evaluates the traffic conditions with each new message and adjusts the route taken accordingly – so that you get to your destination as soon as possible.

- Operating voltage: 12 V
- Operating temperature: - 20° to + 70° C
- Dimensions (W x H x D): 117.8 x 30.3 x 96.7 mm
- Weight: 515 g
- Standards: e1, CE, WEEE



Voltage Divider 24/12 V

Is used to connect a TravelPilot Coach Professional to a 24-volt vehicle network.

- Operating voltage: 24 V
- Operating temperature: - 20° to + 70° C
- Enclosure: Black metal
- Dimensions (W x H x D): 140 x 44 x 75 mm
- Weight: 145 g
- Installation angle: Unlimited
- Standards: e1, CE, WEEE



Coach Cameras.

Blaupunkt monitors are equipped to accommodate up to four directly connected interior and external cameras, allowing the driver to keep a watchful eye on the passenger cabin or storage area, identify and prevent wilful damage quickly and provide for greater safety for passengers entering the coach. Cameras mounted behind the windscreen let the passengers in the coach see what's up ahead live on the monitor and, turned in the other direction, provide a clear view of the driver, which supports his announcements visually. Starting in 2006, the camera switch will boast another innovative function to allow the automatic switching of up to four side and backup cameras on one monitor after a corresponding signal. The camera switch then supplies all the cameras and the monitor with power.

Backup camera with LCD



- Expandable to create multimedia system with video/DVD
- OSD menu can be controlled using remote control unit included
- Modular concept

Backup camera system in navigation



- Expandable to create multimedia system with video/DVD
- Also possible as retrofit solution
- Modular concept

Backup camera system with CLX



- Manual control of desired camera possible
- Camera supplied with power by the monitor

Automatic camera switch



- Includes automatic control via signal indicators and backup signal
- Manual control also possible
- Adjustment to the corresponding driving situation

IVTV-05 DVB-T tuner



Digital television in your coach! Outstanding picture quality and interference-free reception – only two advantages of the IVTV-05 digital tuner. The electronic TV guide shows you what is on and when. And if that's not enough, you can even connect an analogue TV tuner. Boredom is now a thing of the past.

- Operating voltage: 12/24 V
- Digital television reception (DVB-T) in your coach, interference-free in comparison to analogue reception
- 2 x antenna diversity for optimum reception quality
- Additional connection option for an analogue TV tuner to provide reception in areas not yet covered by DVB-T
- Including antenna and handheld infrared remote control

Coach Accessories and Innovations.

Speaker 100 mm with grille, black

- Nominal impedance: 4 Ω
- Max. power handling: 25 W
- Sound pressure level: 89 dB
- Frequency range: 80 – 20,000 Hz
- Installation depth: 44 mm
- Packaging: 2 pieces

Speaker 120 mm flat with grille, grey

- Nominal impedance: 4 Ω
- Max. power handling: 30 W
- Sound pressure level: 90 dB
- Frequency range: 70 – 20,000 Hz
- Installation depth: 28 mm
- Packaging: 16 pieces

Speaker 130 mm with grille, black

- Nominal impedance: 4 Ω
- Max. power handling: 50 W
- Sound pressure level: 89 dB
- Frequency range: 70 – 20,000 Hz
- Installation depth: 50 mm
- Packaging: 2 pieces

Is your music collection larger than your coach?



iPod Interface

Thousands of songs in the palm of your hand: That's an iPod. And now you can not only let it run over your coach radio, you can also operate it via the radio. The iPod interface is simply connected to the CD changer interface. And it even recharges your iPod while you're listening to the music. Sometimes, a little goes a long way.

- iPod display remains functioning and shows ID3-TAGS
- Remembers the last tracks or its last position when it's switched off
- Long cable included to install the interface invisibly
- iPod battery is recharged when device is used in the vehicle
- Easy connection to the changer interface
- Suitable to connect iPod, iPod-Mini and iPod-Photo to all Blaupunkt coach systems with CD changer control

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* RC = Region Code

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All the Products at a Glance.

Would you like to see more accessories? Then simply click www.blaupunkt-professional-systems.com!

Coach Multimedia.

OK

Need fast help? No problem!

All our products work reliably even under the toughest of conditions. If, however, a problem does occur, Blaupunkt customer service makes sure that your equipment is up and running again very quickly. We guarantee it!

We get you mobile!

Blaupunkt has a network of coach service stations in all European countries that are popular holiday destinations. Our personnel there are ready to help you with their specialist knowledge. We can solve your problems then and there to get you mobile again. And that's a promise!

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