



# Car Radio

**exPress**

Made for  
iPod iPhone



## Toronto 420 BT

### Highlights

- Bluetooth
- Data carrier
- Media player
- Radio
- Equalizer
- Amplifier
- Display
- Inputs
- Outputs
- Panel
- Update

Supported version: Bluetooth 2.0 with EDR  
Supported profiles: HFP (hands-free phone calls), PBAP (phone book access profile) with up to 1.000 entries, A2DP (audio streaming)  
Microphone: Built-in + rear connector  
Auto connect & talk (if radio OFF with ignition ON)  
CD-DA, CD-R, CD-RW, USB, SDHC, SD, MMC  
Twin-encoder concept for fast & comfortable MP3 folder/file browsing and iPod criteria/track search  
Various display modes (ID3-tags, play time, ..., all Info)  
Fast reading of USB/SDHC/SD/MMC media  
Playback formats: MP3, WMA  
FM, AM (MW, LW) tuner  
Number of bands: 3 / Model: Semi-parametric  
Max. power: 4 x 50 W / Sinus power at 14,4 V: 4 x 22 W  
15 digits plus intuitive status icons  
2 x USB, front & rear, mass storage device (MSD)  
iPod / iPhone direct control via USB  
SDHC/SD/MMC card slot (behind release panel)  
Front Aux-in with audio mix (music & navigation)  
Pre-amplifier 4-channel (2 V)  
Sub-out (variable gain/frequency)  
Detachable  
Software update via USB

**BLAUPUNKT**

# Toronto 420 BT

## Bluetooth

- Supported version Bluetooth 2.0 with EDR
- Supported profiles HFP, PBAP, A2DP
- Pairing (number of devices) 5
- Hands-free calling via micro & radio speakers
- Hands-free volume variable
- Microphone • (built-in + rear connector)
- Key functions accept call, reject call, redialling
- Phone book access • (download of up to 1.000 entries)
- Radio phone book presets 5
- Audio streaming •
- Auto connect & talk (if radio off) • (if radio OFF with ignition ON)

## Data carrier

- CD CD-DA, CD-R, CD-RW
- Type disk-drive automatic loading
- USB-removable storage USB 2.0
- Memory cards SDHC, SD, MMC
- Formatting USB / memory card FAT 32, FAT 16

## Media player

- Playback format MP3, WMA
- Title display ID3-tag (version 2), file , folder
- MP3 folder & file browsing • (LIST-key / w/o track interruption)
- MP3 file search • (by name / long press LIST-key)
- iPod criteria browsing • (ID3-key / by artists, albums, genres, playlists, audiobooks)
- Short cut iPod playlists • (long press ID3-key)
- Fast list browsing • (via browsing encoder)
- Display modes • (file, artist, album, genre (iPod), song, elapsed time, total time , all) up to 32
- Display of characters • (once/always if >15 digits)
- Variable display scrolling • (from USB/SDHC/SD/MMC)
- Fast media reading • / • / •
- Mix / Repeat / Scan 32 – 320
- Bitrate (kBit/s) •
- Variable bitrates •

## CD player

- Shock proof memory •
- Frequency response (Hz) -1 dB 20 – 20.000

## Radio

- Type of tuner Codem receiver
- Tuner areas World tuner, switchable via menu (EU/USA/SouthAmerica/Thailand)
- Wave bands FM, AM (MW, LW)
- Radio Data System (RDS) Programme Service Name (PS)  
Alternative Frequency (AF)  
Regional Programme (REG)  
Enhanced Other Networks (EON)  
Program Types (PTY)  
Traffic Program (TP)  
Traffic Announcement (TA)  
Clock Time (CT)
- Travelstore •
- Station memory 25
- Band Scan / Preset Scan • / • (long press MENU / Encoder)
- Interference suppression •
- Frequency response (Hz) -3 dB 30 – 15.000

## Equalizer

- Number of bands 3
- Model semi-parametric
- Type analogue
- X-Bass •
- Sound presets pop, rock, classic

## Amplifier

- Number of channels 4
- Max. power (Watt) 4 x 50
- Sinus power at 14.4 V (Watt) 4 x 22

## Display

- Type DOT (1-line)
- Digits 15
- Colour negative black and white
- Brightness adjustable
- Clock display 24 / 12 hrs

## Inputs

- Antenna (number of) 1 (ISO)
- USB (number of, type) 2 (front + rear / standard A-type)
- USB (features) mass storage device (MSD)
- iPod/iPhone direct control via USB
- Memory cards SDHC/SD/MMC (behind panel)
- Aux-In (number of, type) 1 front (3.5 mm jack)
- Aux-In (features) variable gain / Aux naming / audio mix (music & navigation)
- Telephone mute •
- Telephone Line-In • (rear)
- Remote control (RC10) • (via front IR-eye) / • (via ISO)
- Back connector for optional hands-free microphone • (2.5 mm jack)

## Outputs

- Loud speaker (number of) 4
- Pre-amplifier 4-Channel (2 V), cinch
- Variable amplifier delay time •
- Sub-out • (variable gain/frequency)

## General

- Twin-encoder concept Left for volume control & mute  
Right exclusively for browsing, phone book, tuner & user menu
- Software update • (via USB)
- Menu language English + German
- Variable scan time • (4/8/12/16/60 seconds)
- Confirmation beep • (on/off)
- Front panel detachable
- Panel color black, dark chrome
- Encoder / key illumination blue / red
- Permanent storage after car battery disconnect •
- Demo mode •
- Demo mode activation via user menu
- Installation location 1-DIN-slot
- Weight (kg) ca. 1.70
- Height x Width x Depth (mm) 50 x 178 x 160

## Accessories included in delivery

### Europe variant:

- Case for front panel •
- Instruction book • (16 languages)
- Mounting material •
- Antenna adapter •
- Disassembly keys - (not required)

### World variant:

- Case for front panel •
- IR remote control •
- Instruction book • (6 languages)
- Connector cable power supply • (ISO chamber A)
- Connector cable Sub-out • (ISO chamber A, cinch)
- Connector cable speakers • (ISO chamber B)
- Mounting material •
- Antenna adapter •
- Disassembly keys - (not required)