

CAR RADIO

STOCKHOLM 230 DAB (EU)**Sales Start**

June 2014

Order Number

1 011 402 220 001

EAN Code

4 260275 271598

Highlights

- **Radio**
Built-in DAB/DAB+ tuner
Automotive grade FM (RDS), AM tuner
- **Bluetooth**
Built-in Bluetooth for hands-free calling, phone book upload and audio streaming
Auto wake-up (if radio is switched off / ignition on)
Built-in microphone + external mic connector
- **Media player**
Playback formats: MP3, WMA
Fast playback from USB, SDHC, SD
MP3/WMA comfort browsing
Selectable display modes (ID3-tags, folder, play time, clock, all mode)
Made for iPod, iPhone
- **Data carrier**
CD-DA, CD-R, CD-RW, USB, SDHC, SD
- **Inputs**
Front USB (Standard A-type)
SD-card slot (behind panel)
Front Aux-in
Steering wheel control input (programmable)
- **Amplifier**
4-channel Preamp-out (4V)
Separate Sub-out
4 x 50 Watt Max. power
- **Equalizer**
Sound presets (Rock, Pop, Classic)
X-bass
- **General**
Release panel
Permanent preset memory (after battery disconnect)
Panel case included

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DAB FEATURES

DAB	•
DAB+	•
Band III	•
L-Band	•
Service scan	•
Preset stations	15 (DAB 1, 2, 3)
Ensemble / Programme browsing	•
Programme scan	•
Service link DAB-DAB	•
Service link DAB-FM	•
Service link DAB-DAB-FM	•
Traffic announcement	• (via FM RDS TA)
Radio text	-
PTY programmes	•
Freq.response (Hz) ± 3 dB	20 – 20.000

DAB FREQUENCIES

Band III

5A	174.928 MHz	8C	199.360 MHz	11C	220.352 MHz
5B	176.640 MHz	8D	201.072 MHz	11D	222.064 MHz
5C	178.352 MHz	9A	202.928 MHz	12A	223.936 MHz
5D	180.064 MHz	9B	204.640 MHz	12N	224.096 MHz
6A	181.936 MHz	9C	206.352 MHz	12B	225.648 MHz
6B	183.648 MHz	9D	208.064 MHz	12C	227.360 MHz
6C	185.360 MHz	10A	209.936 MHz	12D	229.072 MHz
6D	187.072 MHz	10N	210.096 MHz	13A	230.784 MHz
7A	188.928 MHz	10B	211.648 MHz	13B	232.496 MHz
7B	190.640 MHz	10C	213.360 MHz	13C	234.208 MHz
7C	192.352 MHz	10D	215.072 MHz	13D	235.776 MHz
7D	194.064 MHz	11A	216.928 MHz	13E	237.488 MHz
8A	195.936 MHz	11N	217.088 MHz	13F	239.200 MHz
8B	197.648 MHz	11B	218.640 MHz		

L-Band

LA	1452.960 MHz	LI	1466.656 MHz	LQ	1480.352 MHz
LB	1454.672 MHz	LJ	1468.368 MHz	LR	1482.064 MHz
LC	1456.384 MHz	LK	1470.080 MHz	LS	1483.776 MHz
LD	1458.096 MHz	LL	1471.792 MHz	LT	1485.488 MHz
LE	1459.808 MHz	LM	1473.504 MHz	LU	1487.200 MHz
LF	1461.520 MHz	LN	1475.216 MHz	LV	1488.912 MHz
LG	1463.232 MHz	LO	1476.928 MHz	LW	1490.624 MHz
LH	1464.944 MHz	LP	1478.640 MHz		

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ANALOG RADIO

Type of tuner	Automotive grade receiver
World tuner (switchable)	Europe, Americas, Thailand
Wave bands	FM 1, 2, AM
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	• (FMT, AMT)
Band Scan / Preset Scan	• / •
Search via frequency	-
Station memory	25
Sensitivity	lo/dx
Interference suppression	•
Frequency response (Hz) -3dB	30 – 15.000

BLUETOOTH

Supported version	Bluetooth 2.0 with EDR
Supported profiles	HFP, PBAP, A2DP, AVRCP
Audio streaming	•
Pairing (number of devices)	5
Pairing code	1234
Hands-free calling	via micro + radio speakers
Hands-free microphone	built-in + external mic connector
Key functions	accept/hang up/reject call/redial
Phone book access	• (up to 1.000 entries by phone)
History call lists	-
Auto phone book sync.	-
2nd call handling	- (call wait / call hold)
Auto wake-up	• (radio switched off / 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 (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
MP3 folder & file browsing	• (w/ track interruption)
MP3 file search	-
iPod, iPhone control	• (via USB)
Works with Pandora®	-
Fast list browsing	• (via volume encoder)
Display modes	• (file, folder, song, artist, album, elapsed time, total time, clock, all mode)
Display of characters	File name up to 50, tags up to 30
Variable display scrolling	• (once/always if >9 digits)
Fast media reading	• (from USB, SDHC, SD, MMC)
Mix / Repeat / Scan	• / • / •
Bitrate (kBit/s)	32 – 320
Variable bitrates	•

CD PLAYER

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

EQUALIZER

Number of bands	-
Model	-
Bass / treble	• / • (+/- 7 steps)
Balance / fader	• / • (+/- 9 steps)
X-bass	•
Sound presets	Rock, pop, classic

AMPLIFIER

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

DISPLAY

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

INPUTS

Antenna (number of)	2 (FM ISO + DAB SMA)
USB (number of, type)	1 (front / standard A-type)
iPod/iPhone	•
Memory cards	•
Aux-In (number of, type)	1 front (3.5 mm jack)
Telephone mute	•
Telephone Line-In	-
Steering wheel control	• (analog, programmable)

OUTPUTS

Loud speaker (number of)	4
Pre-amplifier channel	4-channel (Cinch)
Pre-amplifier voltage	4V
Variable amplifier delay time	•
Sub-out	• (Cinch)

GENERAL

Software update	via USB
Menu language	English
Variable scan time	•
Confirmation beep	• (on/off)
Front panel	release panel
Panel / décor ring color	black / dark silver
Encoder / key illumination	blue / red
Permanent preset storage	•
Demo mode	•
Installation location	1-DIN-slot
Weight (kg)	ca. 1.60
Height x Width x Depth (mm)	52 x 178 x 170
Panel case	• (included in delivery)
IR remote control	-
ISO connector cable set	-
Rear distance screw	• (included in delivery)
Rear rubber pin guide	• (included in delivery)