



# DAB+ Radio Receivers

We Open You the Door to DAB+



**KATHREIN**  
Digital Systems GmbH

## > DAB+ 100 highline

The DAB+ 100 highline is a professional stereo all-in-one system with FM/DAB+/Internet radio, Wi-Fi and wired Ethernet capabilities, and an integrated CD player in a timeless design. It enables the use of Deezer, Tidal, Napster, Qobuz, Spotify Connect and Internet radio as well as wireless audio streaming via Bluetooth. The integrated CD player, which nowadays is becoming a bit of a rarity in many living rooms, is the absolute highlight of the DAB+ 100 highline. Standard functions such as a sleep timer with wake-up function are of course also integrated. The highline radio additionally features a recording function (SD card/USB stick), which clearly sets it apart from its smaller siblings.

### Features

- Internet radio/DAB+/FM RDS
- Deezer, Tidal, Napster, Qobuz and Spotify Connect
- CD player (MP3 and WMA)
- Recording function (SD card/USB stick)
- Bluetooth for audio streaming
- UNDOK™ app for playback control
- UPnP/DMR music streaming
- 30 station memories (10 × FM/10 × DAB+/10 × Internet radio)
- Instead of the telescopic antenna, another antenna (without remote power supply) can be connected to the F-socket
- 3.2" backlit colour display
- Output power: 2 × 7 W
- Connections/ports: AUX-In, headset, USB port, SD card slot, Ethernet (RJ-45), Line-Out, optical output, F-socket (for connecting the telescopic antenna)



## > DAB+ 10 tower

The DAB+ 10 tower is a modern, portable FM/DAB+/Internet radio with Wi-Fi capability. It enables the use of Deezer, Tidal, Napster, Qobuz, Spotify Connect and Internet radio as well as wireless audio streaming via Bluetooth. Of course the tower also offers other features such as an alarm clock, sleep timer, pairing via NFC and control via the UNDOK™ app. Thanks to the integrated battery compartment/charger (switchable), the radio can also be operated with disposable or rechargeable batteries, which means that there is nothing to prevent you from using the tower far away from a power outlet.

### Features

- Internet radio/DAB+/FM RDS
- Deezer, Tidal, Napster, Qobuz and Spotify Connect
- Bluetooth for audio streaming
- UNDOK™ app for playback control
- UPnP/DMR music streaming
- 2.4" backlit colour display
- Output power: 1 × 10 W (RMS)
- 12 V/DC 1.5 A power supply unit with switchable battery compartment/charger for operation with disposable/rechargeable batteries (not included)





## > DAB+ 1 mini

The DAB+ 1 mini is a small, portable FM/DAB+ radio with a powerful sound. Equipped with Bluetooth for wireless audio streaming, it leaves nothing to be desired when streaming from mobile phone to radio. An integrated rechargeable battery pack, an OLED display as well as an antenna socket for an external wire antenna perfectly round off the smallest member of our DAB+ family. The DAB+ 1 mini is available in four colours – classic white or silver, and light or dark real wood veneer.

### Features

- DAB+ and FM
- Bluetooth for audio streaming
- OLED display for DAB services and information
- Integrated rechargeable battery pack
- Including antenna cable (wire antenna, 3.5 mm jack cable) and USB connection cable (USB Micro) for charging (5 V/1 A)

Available in the following colours:



Dark wood



Light wood



White



Silver



Full-size image



## > Overview of Features

Type	DAB+ 1 mini	DAB+ 10 tower	DAB+ 100 highline
Display	OLED display	2.4" colour display	3.2" colour display
Frequency range	VHF 87.5–108 MHz DAB+ 174.928–239.200 MHz		
Antenna system	Wire antenna, 3.5 mm jack socket	Dual-band Wi-Fi built-in antenna, DAB/FM telescopic antenna	Dual-band Wi-Fi external, DAB/ FM telescopic antenna, F-socket
Favourites memory	10 DAB+, 10 FM	30 memory positions (10 Internet radio, 10 DAB+, 10 FM)	
Output power RMS	1.6 W	7 W	2 × 7 W
Audio equalizer	–	Flat/jazz/rock/movie/classic/pop/news/My EQ	
AUX input	3.5 mm stereo		
Headphone socket	–	3.5 mm stereo	
Optical digital output	–	–	S/PDIF stereo
Wired Ethernet	–	–	10/100 Mbit/s RJ-45 connection
Wi-Fi: IEEE 802.11 a/b/g/n	2412–2472 MHz, 5180–5240 MHz		
Bluetooth specification	Bluetooth® 4.1	Bluetooth® 4.0	Bluetooth® 4.0
Supported profile	A2DP		
Bluetooth audio CODEC	SBC	aptX, SBC and AAC	
Playback formats	–	MP3, AAC+ and WMA compatible	
Recording function	–	–	MP3 recording to USB stick or SD card
CD playback function	–	–	CD player WMA and MP3
Internet streaming	–	UPnP/DMR music streaming (DLNA 1.5)	
Streaming providers	–	Spotify, Deezer, Tidal, Napster, Qobuz	
Sound improvement	–	Qualcomm® aptX™ audio	
Sleep timer	Yes		
Wake-up function	–	Yes	
Batteries	Integrated rechargeable battery	Battery operation possible (disposable or rechargeable batteries)	–
	Rechargeable lithium-ion battery, 2600 mAh	6 × AA battery switchable to NiMH rechargeable battery with charging function	–
<b>General</b>			
Power supply/charging unit	Micro USB port 5 V 1 A	External power supply unit (included): 240 V/AC 50/60 Hz 1.0 A 12 V/DC 1.5 A	Internal power supply unit: 240 V/AC 50/60 Hz 1.0 A 12 V/DC 1.5 A
Charging current	500 mA		
Operating temperature	0 °C to +35 °C	0 °C to +40 °C	
Remote control	–	–	2 × AAA battery
Supporting app Android & Apple	–	UNDOK™	

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