

## CA802BT

The Dynavoice Challenger CA802BT 2-channel stereo amplifier is compact, powerful and well-sounding. Beneath the die-cast aluminium chassis are handpicked components that combined creates an amplifier with a crisp, detailed and natural sound. The many features and the clean finish make it the perfect centre of your stereo system. The MA12070 amplifier chip is made by the German company Infineon Technologies, the Japanese tech-giant NJRC are the masterminds behind the low distortion control chip, and to ensure a high-grade streaming quality the Bluetooth technology comes from Qualcomm© aptX™.



### Specifications:

<b>Amplifier</b>	Class D, Infineon Technologies Merus™ MA12070 QFN-64 amplifier chip
<b>Amplifier output power</b>	2x 80W@4 Ohm / 2x40W@8 Ohm
<b>Amplifier output power (Headphone)</b>	2x 100mW@32 Ohm
<b>Frequency response</b>	20Hz - 20 000Hz
<b>Bluetooth</b>	Qualcomm© aptX™ Bluetooth 5.0
<b>DAC</b>	ES9023 24-bit stereo, 2Vrms op-amp driver, 112dB DNR
<b>Total harmonic distortion +N</b>	0,003%
<b>Signal-to-noise ratio</b>	108dB
<b>Inputs</b>	RCA, Coaxial, Optical, USB (32bit/384kHz), Headphone jack (6,35mm)
<b>Outputs</b>	Subwoofer (built-in Low Pass filter), High-Level
<b>Display</b>	Tempered glass, Hi-res
<b>Power Consumption</b>	35W (normal amplifier volume)
<b>Standby power</b>	<0,5W
<b>Power input</b>	DC 24V
<b>Dimensions (WxHxD) mm</b>	151 x 38 x 170
<b>Weight g</b>	520

**High performing amplifier** – The Class D amplifier chip is designed to deliver with 92% efficiency and reduced power consumption with high-definition sound quality.

**Die-cast chassis** – The die-cast aluminium chassis keep the components cool and vibrations to a minimum for a continuous high performance.

**Qualcomm© aptX™ Bluetooth 5.0** – Ensures a stable, high quality signal at a longer distance with minimum loss.

**Enhanced adjustment** – The treble and bass adjustment let you pinpoint the sound with 1dB steps from -10dB to +10dB, the eight pre-EQ settings let you select a sound that best suit your own preferences.

**High Quality components** – The high performance and highly defined, high-resolution audio quality can be achieved thanks to each handpicked, high grade component. The DAC chip ES9023 has patented Hyperstream™ architecture and keeps the jitter to a minimum with Time Domain Jitter Eliminator, the capacitors are Nichicons MUSE series and the NJW1194 electronic volume control chip keeps noise and distortion extremely low.

**In the box** – Audio grade power adaptor, Bluetooth antenna, USB-cable, remote control.