

The compact 8.1-channel SMART DSP amplifier A894DSP is the ideal upgrade for many ex-works sound systems. Six high-level inputs and the optional plug & play cables enable connection not only to standard sound systems, but also to a wide range of semi and fully active car audio systems. The high practicality of the A894DSP is already evident in the input section: the input channels can be distributed, split or merged to the output channels with complete flexibility. As a highlight, the input equalizer can even be used to linearize the music signal if required. BTL Power The extensive BTL modes (bridge mode) offer a flexible choice of output channels, e.g. 8.0, 6.1, 4.2 or even 4.1 with up to 400 W RMS @ 2 ohms for the subwoofer. The individualized signal is conveniently forwarded to a separate subwoofer or center amplifier via the dual mono RCA output or the optical output. All functions of the DSP settings can be controlled via a single AXTON smartphone app, which is available free of charge for iOS and Android. take control The integrated digital sound processor enables extensive sound settings per channel, such as time alignment, freely configurable crossover filters (6/12/18/24 dB in the three selectable characteristics Butterworth, Bessel and Linkwitz-Riley), gain control and a 31-band parametric equalizer. Setups (channel routing and a preset of the crossover frequencies) for each of the optional vehicle-specific Plug & Play connection cables are also integrated into the app. Bluetooth and More The integrated Bluetooth audio streaming interface makes it easy to stream your own music collection to the amp. The A894DSP also offers the option of playing Hi-Res Audio music data with the ABT50 streaming interface, which is available separately. Thanks to the optical inputs and outputs, several AXTON DSP amplifiers can be linked together without signal quality loss. A separately available A592DSPRC remote control can be connected to the A894DSP.

**HIGHLIGHTS A894DSP** • 8.1-channel Smart Class-D amplifier with iOS or Android app-controlled audio DSP functions • 6-channel high-level input for easy connection to OE sound systems with amplifiers • Free channel assignment: distribute, split or merge music signals • DSP-controlled Dual-mono preamp output (5 volts) including remote output for controlling additional amplifiers • 6-channel RCA input • Optical and coaxial input for the high-res audio streaming interface ABT50 or another AXTON SMART DSP amplifier, optical output for linking the signal to another AXTON SMART DSP amplifier • Bluetooth audio streaming with automatic source switching • Plug & play installation with optional vehicle-specific connection cables • Ready-made presets already included in the free app • Auto-turn-on function via high-level input

**DSP FEATURES** • Freely configurable active crossover: high/low/band/bypass with 6/12/18/24 dB/oct. slope • Selectable filter characteristics: Butterworth, Bessel or Linkwitz-Riley • Time alignment for each channel (0 – 550 cm / 0 – 15.8 ms) • Gain, phase switch and Mute function for each channel • Freely configurable 31-band parametric equalizer for each channel • Freely configurable 9-band parametric input equalizer for each source • Storage spaces for your own settings: 5 on the amp, unlimited on the smartphone • Dynamic Bass and Dynamic Treble function • Noise Gate function to reduce car stereo background noise

**TechniCAL DATA A894DSP**  
RMS / Music output power @ 4 Ω 8 x 60 W / 8 x 120 W RMS / Music output power @ 2 Ω 8 x 75 W / 8 x 150 W RMS output power BLT4.2 mode CH 5+6 / CH7+8 @ 4 Ω 2 x 230 W RMS output power BLT4.1 mode CH 5+6+CH7+8 @ 4 Ω 1 x 230 W RMS output power BLT4.1 mode CH 5+6+CH7+8 @ 2 Ω 1 x 400 W Frequency response 20 Hz ~ 20 kHz Dimensions (L x W x H) 238 x 180 x 50 mm