

A642DSP



PLUG & PLAY DSP AMPLIFIER FOR HI-RES AUDIO

This plug & play 5-CH DSP amplifier opens up previously unknown dimensions of sound and offers excellent performance. The A642 is ideal for more extensive car-audio installations. Thanks to plug & play connection including auto-turn-on function and the DSP-operated 5-channel pre-amp outputs the amps offers a wide range of possible uses.

With the A642DSP, Hi-Res audio files – and of course, all conventional music data – can now be played thanks to the additional optical or coaxial inputs via the car audio system. This only requires the also newly developed Hi-Res audio streaming interface ABT50: Just plug it into the A642DSP and enjoy your favorite music in the best audio quality possible.

Additionally there's the option of streaming music from smartphones via Bluetooth audio (Hi-Res only with ABT50) directly to the amplifier – the control remains convenient. Just use the free controller apps for iOS or Android smartphones at www.axton.de or download it from the Apple App Store.

Another innovation of this DSP amplifier is the possibility to connect a remote control to the amplifier in order to easily adjust the overall level and bass boost or to mute the volume if necessary. This control function is particularly interesting when the amplifier is operating "stand-alone", i.e. without radio.

KEY FEATURES A642DSP

- Smart digital amplifier with iOS or Android app controlled audio DSP functions
- DSP-controlled 5-channel preout (6 V) including REM out to control additional amplifiers
- Bluetooth audio streaming with automatic source switching
- Optical and coaxial input for lossless music transmission; with optional AXTON ABT50 lossless transmission of Hi-Res audio music data via Bluetooth or OTG cable
- Optional remote control with controls for master volume and bass level

Technical Data	A642DSP
RMS Power Output @ 4 Ω	4 x 32 W + 1 x 176 W
RMS Power Output @ 2 Ω	sub-channel only 1 x 250 W
Mucis Power Output @ 4 Ω*	4 x 50 W + 1 x 300 W
Frequency Resopnse	20 Hz – 20 kHz
Signal-to-noise Ratio	> 96 dB
Dimensions (D x W x H)	185 (218**) x 114 x 40 mm

*With additional power supply **Including Bluetooth antenna

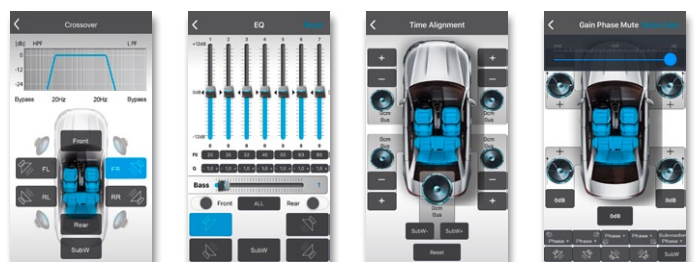
- Plug'N'Play quick installation system via optional vehicle brand wire harness
- Auto-Turn-On function

FUNCTIONALITY & ADJUSTABILITY

- Freely configurable active crossover: high/low/band/bypass with 6/12/18/24 dB/oct. slope
- Time alignment in cm for front, rear and subwoofer channels (0 – 420 cm)
- Gain, phase switch and mute function for each speaker
- Freely configurable 10 or 31-band parametric equalizer for every single front and rear speaker, freely configurable 5-band parametric equalizer for subwoofer channel
- Storage spaces for your own settings: 5 on the amp, unlimited on the smartphone
- Dynamic Bass setting for powerful performance without subwoofer
- Noise Gate function to reduce car stereo background noise



Optional Hi-Res audio streaming interface ABT50 and optional remote control for A642DSP with 4 m cable, setting of bass level, volume level and muting.



Settings active crossovers, equalizer, time alignment, noise gate via app and smartphone