

Applications

The active box, (rechargeable battery & mains operation) with Sennheiser EW-300 /G2 A receiver, offers an extraordinary compact design and high output power.

Its environmental resistant plastic case, its extremely convincing acoustic abilities, the GSF™ Filter for an optimized speech intelligibility, the integrated 24 VoltDual battery technology for mobile and low-loss high capacity management create an extremely convincing product altogether.

It has been created for a variety of tasks within the installation and production process. It can easily accomplish simple transmission of speech or music amplification, with or without subwoofer. Its supported by a versatile assortment of accessories.

The systems of the A4 series allow to be adjusted to provide solutions to numerous tasks.

- Mobile operation
- Speech and music sounding
- Delay or infill systems
- AV applications
- Open air
- Events
- Lectures
- Churches
- TV & Radio studios

Spezifikation

Amplifier capacity	90 Watt RMS
Equipment	8" Neodym / 1" pressure chamber with waveguide / Weather resistant
Principle	Active 2Way bass reflex system
Area of transmission	±10dB 60 Hz to 18 KHz ± 3 dB 70 Hz to 16 KHz
Angle of radiation	Nominal 100° x 65° (hor. x vert.)
Rated load-carrying capacity of speakers	B= 400 W T= 60 W (ICE 268-5)
Acoustic pressure	(1 m) 121 dB SPL @1 KHz Peak: (1 m) 126 dB SPL
Mixer	5-channel-mixer (3 x GSF™ Filter)
Mixer ports	1x Port linear 1x Port (with GSF™-Filter) 2x Cable microphone, XLR, symmetrical,™-Filter) 1x Line, XLR 2x Line, Cinch, monosum exits 1x Line, XLR
Delayfunction	1-70 m (step switch) / 0 bis 9 m (variable)
DC-port	24 V, 4 pol. XLR-M
Sound regulation	2-Band-sound regulation
Speech/Music-Switch	Switching to optimize the understandability of speech
Automatic music lowering device	Switching On / Off (internal switching to all ports possible)
Limiters / Overload protection	Six integrated systems
Displays (LED)	Operating modus Battery status (triple) Port ON/OFF (double) Output power (triple)
Receiver	Sennheiser EW-300/G2 Series
Optional blower	2x ½ 19" internal pre-wired
Battery technology	24 V Dual PB Akku m. 12 Sekundärzellen (Vers. H or S) 24 V-Dual-Li-Ion-Battery with high energy density (Versionen
LI) Mains and Charger	Integrated mains adapter and automatic charger t 90 to 240 V AC Optional ports 2x ½ 19" (inbuilt measurements for standard ½ 19"-equipment)



Specification

Specification of Case	case made of hightech plastic (fire security standard EN 13823 & UL94) Optional security eyes UV resistant structure finishing in black or white great optional assortment of accessories, (UBügel etc) Integrated stand (Stativflansch) Standard ½ 19" blower Two integrated ergonomic handles mains cable and-support inductor.
Scope of delivery	Rain cover, mains adapter, manual
Accessories	security cover, carrier bag, receiver & transmitter, integrated CD-MP3 Player, remote control (internal preparation), a wide range of installation & fixing technique (UBügel etc.), SubwooferSystem B4, 12 V DC charger,
Measurements	(BxHxT) 28,5 x 54 x 31 cm
Weight	Version L= 13,3 Kg Version S= 14,3 Kg Version H= 16,9 Kg
operating time according to time of use	Version L= 16 to 60h, Version S= 8 bis 30 h. Version H= 16 bis 60 h.

Applications and idea of design

The A4 systems, which are mainly designed for single or mains independent, decentral sounding. They convince by their really unobtrusive design. The impressive combination of the bassreproduction and a maximum of effective sound pressure is achieved in spite of their small measurements. The clever design and the assembly jig of the speaker case help to make the A4 series extremely efficient and user friendly. Those factors make the A4 systems predestined for a flexible usage for speech and music amplification in a wide variety of tasks.

The A- series was created with a neutral sound character that combines clearness, understandability and transparency even with high sound pressure, for an excellent understanding of speech.

The system development of the A 4 was carefully focussed on the separate components, the function of specific regulation and interplay of speakers, the electronic devices and the accessories. Its defined gerichtete Abstrahl characteristics and filtering makes the operating within critical speech soundings and decentral systems possible while providing easy handling.

Architects & Ingeneer –Specification

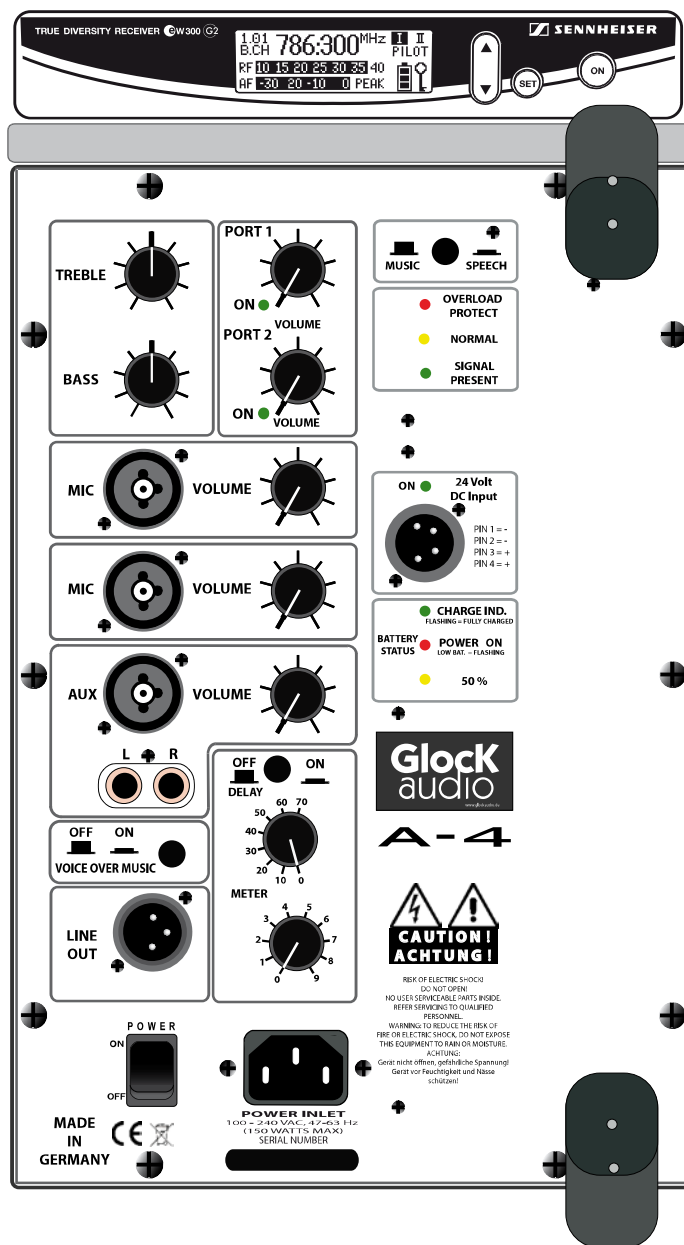
Aktive box with integrated Sennheiser EW300/G2 receiver;
 24 Volt rechargeable battery technology for decentral, mobile long time
 sounding; weatherresistant plastic case according to EN 13823 & UL94 V0;
 Integrated stand (Stativflansch); Integrated mains adapter - cable support
 inductor ; Aplifier capacity
 90 Watt RMS; 5chanel mixer; 3 ports with GSF

-Filter; 2x XLR
 Port with phantom powering; switchable speech/music filter; 2Band
 Sound regulation; Integrated 79 m delay-system; Battery- and mains
 adapter; prewired, regulation und switchable 2x ½ 19"EinschubPorts with
 operating display; easy transport and assembly due to little weight, two
 ergonomic handles; no technical knowledge is required to use. Operating
 time according to use and version of battery 8 up to 60 h; equipped
 with 8" NeodymBass / 1"
 Pressure chamber with wave guide in waether resistant version ; active 2-
 way bass reflex system;
 Frequency range ±10 dB 50 Hz – 18 KHz; Frequency range
 ± 3 dB 70 to 16 KHz; angle of radiation nominal 100° x 65° (hor. x vert.);
 rated load carrying capacity of speakers 400W (ICE 268-5);
 sound pressure (1 m) 121 dB SPL @ 1 KHz; Peak (1 m) 126 dB SPL;
 5-channel-mixer (3 x GSF™filter); Mixer ports 1x Port linear, 1x Port (with
 GSF™-Filter), 2x cable microphone XLR symmetrical 12 V phantom
 powering
 (with GSF™Filter), 1x Line XLR, 2X Line Cinch Monosum;

Sound regulation 2-Band-sound regulation;
 Speech / music-switch to optimize the understandability of speech
 Automatic lowering of music;
 Switchin On/Off (Internal switsching to all ports possible);

Limitier / Over load protection six integrated systems; displays (LED)
 Operating status, battery status (triple), Port-ON/OFF (double),
 Output power (triple); charger technology
 24 VDualPBAkku with 12 Sekundärzellen (Versions H or S) or
 24 V-Dual- LI-Ion-Akku with high energy density (Versions LI); Integrated
 mains and automatic charger 90 bito 240 V AC;
 Scope of delievery: rain cover, mains adapter, manual;
 Meassurements (BxHxT) 28,5 x 54 x 31 cm;
 Weight Version LI= 13,3 Kg, Version S= 14,3 Kg, Version H= 16,9 Kg,
 operating time according to usage, Version LI= 16 to 60 h.,
 Version S= 8 to 30 h., Version H= 16 h 60 h.

Control panel



A4 Vermaßung

