

## SPEECH-500 - Amplifier System



The SPEECH-500 is equipped with innovative technology and thus the professional solution for voice and music transmissions of high requirements. The lectern features a variable electric height adjustment. A laptop can space-savingsly be inserted underneath the transparent glass plate on the top part of the lectern in a 2-step illuminated compartment which has especially been designed for this purpose. The built-in audio system as well as the UHF PLL wireless technology with transmitter module and receiver module perfectly meet every requirement. In audio link operation, this allows for a wireless control of further active speaker systems which are equipped with respective wireless receivers, e.g. TXA-800 and TXA-1000 series. Professional lectern with electric height adjustment and integrated wireless amplifier system

- Built-in 4-channel mixing amplifier with limiter, 100WMAX, 50WRMS
- Variable electric height adjustment of the lectern, 85-125cm
- Top part of the lectern with a transparent safety glass plate and illuminated compartment for a laptop
- Built-in UHF PLL receiver (TXA-802MR) with 16 selectable frequencies (863.1-864.9MHz) with diversity system
- Built-in UHF PLL transmitter (TXA-802MT) with 16 selectable frequencies (863.1-864.9MHz) for setting up audio link transmission
- 3 inputs via comb. jack mic (XLR)/line (6.3mm jack), stereo line input (RCA), gain controls, 3-way equalizer for the comb. inputs
- 2 XLR jacks on the top part of the lectern for 2 optional gooseneck microphones (each one uses a microphone input)
- Additional XLR jack for LED gooseneck light (e.g. GNL-304)
- 12V phantom power for mic input 1 and 2
- 1 stereo line output via RCA jacks
- 30cm (12") full range speaker of high power capability providing a powerful sound
- High-quality wooden cabinet in a wood and lacquer combination
- Holder for name of speaker with screw connection



- 3 additional storage compartments for documents and other utensils
- 2 castors with brakes, 2 fixed castors

**Licence-free in the EU.** Supplied without gooseneck microphone and without gooseneck light. Matching microphones of the EMG-...P series and matching LED gooseneck light GNL-304 as well as microphone transmitters or pocket transmitters are available at option, e.g. TXA-800HSE or TXA-800HT. The integrated wireless transmitter of the SPEECH-500 transmits the audio signals to one or several TXA-1000 or TXA-800 systems. Ideally suited for larger indoor PA applications where the sound has to be radiated as evenly as possible.



## Technical data

Output power	: 100W <sub>MAX</sub> /50W <sub>RMS</sub>
Carrier frequency	: 863.1-864.9MHz
Operating range	: 30m max.
Frequency range	: 50-20,000Hz
Sensitivities	: mic1: 2mV mic2-3: 4.5mV line1-3: 150mV (6.3mm jack) line: 400mV (RCA)
Outputs	: line: 320mV (RCA)
Equalizer	: bass: ±12dB/60Hz mid: ±7dB/1kHz treble: ±12dB/15kHz
Power supply	: 230V~/50Hz/135VA
Admiss. ambient temp.	: 0-40 °C
Dimensions	: 800x1,250x570mm
Weight	: 45kg