



Commend Unified PA Solutions — *PA Made Easy*

Smart PA solutions are an essential part of Commend's Unified PA approach that provides unique control for operators and efficiency for users in daily operations. For example, with Studio by Commend, the system provides a graphical map of the facility allowing to select any zone or combination of zones to broadcast a live or prerecorded message. At the same time, the uniform platform allows integration into 3rd party systems to make calls via any SIP capable phone system or to broadcast a message based on a security or mechanical event in an access control, VMS, or SCADA system.

Our smart public address solutions are used in buildings, industrial facilities and public infrastructure from transport to smart cities, to ensure enhanced safety and efficiency.



Based on modern IP-networked technology
for ultimate flexibility and scalability



Compatible with other systems
to reduce cost of ownership and enable integrated overall solutions

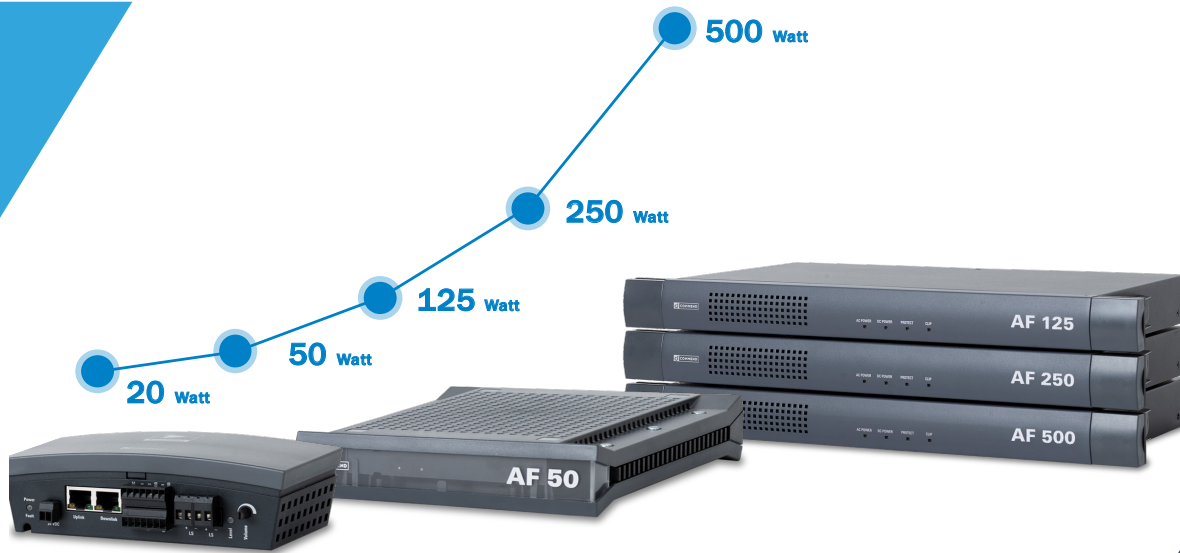


Raises the bar of classical PA system functionality
by adding two-way audio features and programmable logic functions

Smart Hybrid SIP/IP Amplifiers for Unified PA



Series AF hybrid amplifiers come with a high power profile and versatile range. They can be used in SIP serverless mode, with SIP based phone systems, or for best results and control, paired with Commend Virtuosis and Studio by Commend. The amplifiers are universally suitable for complex PA solutions. All models are well-suited for a wide range of applications due to their compact housing, efficient design and high performance. They are optimized for installation in 19" racks or decentralized on-site installation. This increases flexibility and reduces cabling costs as well as power and energy consumption. Additionally, they are easy to network and provide a range of safety functions such as loudspeaker line monitoring and audio monitoring. This makes Commend PA solutions not only reliable but also highly efficient.



Smart Network Speakers for Unified PA

The wide range of innovative functions that powers the network-compatible Commend POE IP loudspeakers sets them apart from any classic Public Address solution. The integrated microphone, for example, supports new audio features such as **IVC (Intelligent Volume Control)** for the automatic adjustment of the volume setting to ambient noise, even during message playback. This ensures a high level of **acoustic intelligibility**, even at extreme, changeable background noise. Additional benefits include the duplex and call-back functions, as well as the "Audio Monitoring" feature, which allows for ambient acoustic surveillance and automatic triggering of actions such as voice announcements or emergency calls. The different product versions enable flexible use from rugged outdoor areas to protected indoor areas.

SERIES AFLS



	AFLS 10H	AFLS 10H PW	AFLS 10H CW
Type	Horn loudspeaker	Sound projector	Ceiling loudspeaker
Environment	Outdoor and industrial environments	Protected outdoor and indoor environments	Indoor environments
IP rating	IP 66	IP 54	
Color	Light gray	White	
	*Other colors available via Customized Solutions		
Max. sound pressure [db]	118	101	105
Operating Temperature	up to +70°C		
Notes and USPs	Small dimension and smart design		Incl. housing at the backside
Two-way audio and talk-back functionality	Up to OpenDuplex via the integrated microphone		Only Simplex via the integrated microphone

Since IP-based amplifiers and loudspeakers by Commend can be used with VoIP and SIP, they integrate easily and seamlessly into Commend Intercom or VoIP/SIP-PBX systems. The devices also offer a unique level of upward compatibility, and new functions can be easily added via software download.

Quality tested. Reliable. Well-designed.

Commend Inc.

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