



RIPA A20 CONFERENCE MICROPHONE

Version 1.0

Data Sheet

RipaTech Pty Ltd

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PRODUCT SUMMARY

Ripa A20 Conference Microphone is a high-performance audio pickup device designed to integrate seamlessly within professional conferencing ecosystems. The intuitive, user-friendly interface with LED-lit mic on/off button makes it easy to use. The 360-degree audio pickup with a pickup range of up to 3m is suitable for small and medium-sized meeting rooms.



Figure 1 : A20 Conference Speakerphone

FEATURE HIGHLIGHTS

- **Wide Pickup Range:** Up to 3 meters, suitable for small and medium meeting rooms.
- **High-Quality Audio:** Provides professional audio performance with a strong SNR of 75dB and an AOP of 130dB SPL @ 1KHz.
- **Integrated Audio Processing Support:** Supports essential conferencing features including Echo Cancellation, Noise Suppression, and Automatic Gain Control (AGC) (processing handled by the RIPA Codec)
- **Standard Connectivity with Phantom Power:** Equipped with a 3.5mm Line OUT port for audio output, which also supports 48V phantom power
- **System Compatibility:** It is exclusively compatible with RIPA Codec or RIPA terminal devices.

TECHNICAL SPECIFICATIONS

Module	Function	Description
Microphone	Pickup Range	Up to 3 meters
	Signal-to-Noise Ratio	75dB
	AOP	130dB SPL @ 1KHz, THD<10%



Ripa A20 Conference Speakerphone

	Sensitivity	-37dB
Audio Processing	Processing Unit: audio processing is handled by the RIPA Codec; A20 serves as a pickup device	
	Echo Cancellation	Supported
	Noise Suppression	Supported
	Automatic Gain Control	Supported
Panel Interface	Mute Button	1 x latching mute button
	3.5mm Port	1 x 3.5mm Line OUT for microphone audio output; supports 48V phantom power
	Indicator Light	1 x single-color LED (off when muted, green when active)
Battery	Not supported	
Power Method	Powered via 5-meter 3.5mm extension cable	
Device Compatibility	Only compatible with RIPA Codec or RIPA terminal devices	
Operating Conditions	Storage Temperature: -10°C to +70°C Storage Humidity: 20% to 95% RH Operating Temperature: -10°C to +50°C Operating Humidity: 20% to 80% RH Environment: Indoor use only	

ORDERING GUIDE

RipaTech product code: RP-A20- 30181