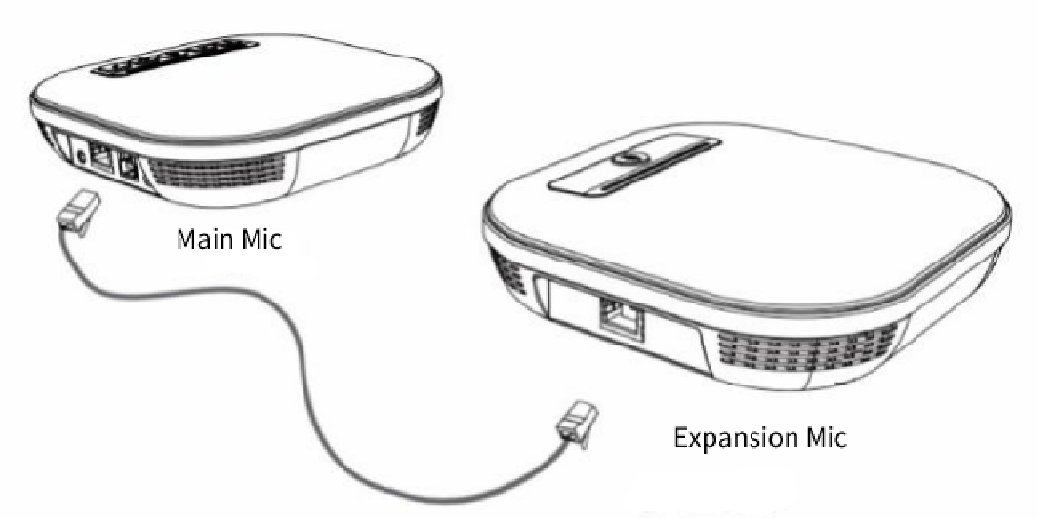
24 Evoness SRL
Str. Bega Nr. 6
400601 Cluj-Napoca
Romania
Tel.: +40 744 539702
E-mail: videocapture@tehnicavizuala.ro
Website: www.tehnicavizuala.ro

EVO-SPF-700D

High-Quality Omnidirectional Speakerphone With Expansion Microphone



EVO-SPF-700D is a professional-grade omnidirectional speakerphone, which adopts international advanced voice processing technology, providing 48K sampling rate, and echo cancellation is up to 500ms. The sound quality is clear and beautiful, intelligent noise reduction completely eliminates clutter, and the voice is restored with high fidelity. Built-in 4-channel high-definition microphone array, the best pickup distance is 6m (360-degreecircle range = 12m), the sound is lifelike, clear and natural.
The high-fidelity digital sound system has a wide sound field. Suitable for meeting rooms of different sizes. It supports Bluetooth connection, allowing easy and pleasant remote communication anytime, anywhere.
EVO-SPF-700D has perfect expansion capabilities. When it needs to be used in a larger meeting room or for group discussions, the product is equipped with an expansion unit, which has a speaker system and a microphone system, so the two equipment can work in a conference environment at the same time.
The speakers and microphones of the main unit and the expansion unit are fully synchronized, and they can be controlled with each other at the same time, which greatly optimizes the omnidirectional microphone's pickup and playback capabilities, bringing a better experience to the user.

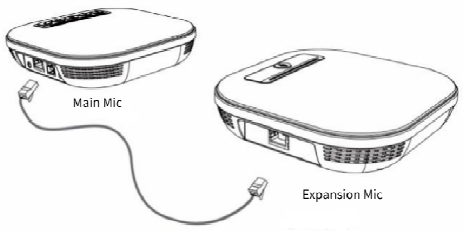
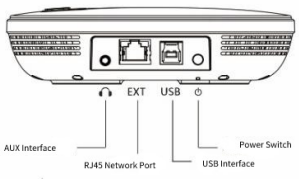
Key Features

- Full duplex deep echo cancellation, 48k broadband voice call HD technology, intelligent microphone mixing, dynamic noise suppression, automatic gain technology.
- With 4 built-in unidirectional microphones, the full degree audio = 360-degree circle = range has 12 meters diameter.
- USB and Bluetooth included
- AUX interface, connecting with earphone with 3.5mm audio cable
- Perfect expansion capability. The product is equipped with an expansion unit. The speakers and microphones of the main unit and expansion unit are fully synchronized, and can be controlled each other at the same time, which greatly optimizes the omnidirectional microphone pickup and playback performance.

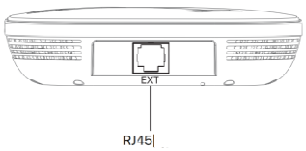
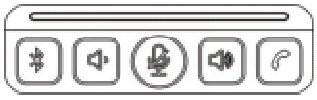
24 Evoness SRL
Str. Bega Nr. 6
400601 Cluj-Napoca
Romania
Tel.: +40 744 539702
E-mail: videocapture@tehnicavizuala.ro
Website: www.tehnicavizuala.ro

- The speaker system adopts a multi-core digital unit with a volume up to 85dB and a 16-level speaker volume digital adjustment.
- Multiple buttons: Off-hook, hang-up, microphone mute, volume increase and decrease, and Bluetooth.
- Built-in battery 5400mA, working duration is more than 10 hours. Standby time is 90 days.

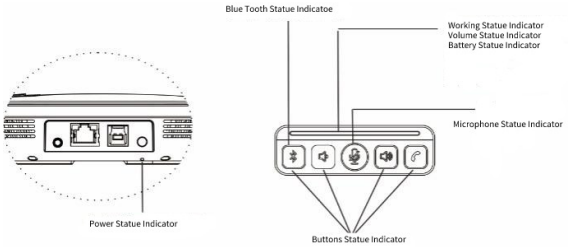
Technical Specifications

<table>
<tr><th>Item</th><th>Parameter</th><th colspan="2">Description</th></tr>
<tr><td>Product Appearance</td><td colspan="3"> 
</td></tr>
<tr><td>Audio technical parameters</td><td>Acoustic echo cancellation（AEC）</td><td colspan="2">Full-duplex echo cancellation depth can reach more than 65dB</td></tr>
<tr><td></td><td>Echo length</td><td colspan="2">≥500ms</td></tr>
<tr><td></td><td>Two-way noise compression（NC）</td><td colspan="2">Noise compression below: 25dB</td></tr>
<tr><td></td><td>Automatic Direction finding Technology of Intelligent microphone（EMI）</td><td colspan="2">Supporte</td></tr>
<tr><td></td><td>Automatic gain control technology（AGC）</td><td colspan="2">Support</td></tr>
<tr><td>Audio parameter</td><td>Microphone Frequency Response</td><td colspan="2">100Hz-22KHz</td></tr>
<tr><td></td><td>Speaker Frequency Response</td><td colspan="2">100Hz-22KHz</td></tr>
<tr><td></td><td>Pickup range</td><td colspan="2">12M，360°</td></tr>
<tr><td></td><td>Speaker volume</td><td colspan="2">Maximum: 87dB</td></tr>
<tr><td rowspan="5"></td><td rowspan="5">Main Microphone</td><td colspan="2"> 
</td></tr>
<tr><td>Interface</td><td>AUX</td><td>3.5MM audio in/out interface</td></tr>
<tr><td rowspan="3"></td><td>RJ45net work port</td><td>Connect with expansion microphone</td></tr>
<tr><td>USB Interface</td><td>TYPE-B audio in/out interface</td></tr>
<tr><td>Power switch</td><td>Long press 3S to open the device</td></tr>
</table>

24 Evoness SRL
Str. Bega Nr. 6
400601 Cluj-Napoca
Romania
Tel.: +40 744 539702
E-mail: videocapture@tehnicavizuala.ro
Website: www.tehnicavizuala.ro

	Expansion Microphone		
		RJ45 network port	Connected with main microphone
Button description	Button silk screen		
	Volume button		decrease/increase volume
	Bluetooth button		Turn on/off Bluetooth
	Off/on hook button		Off-hook/on-hook（off-hook enter or exit calling statue when there is a skype for business call.）
	Microphone mute button		Turn on/off microphone
	PC Mode		Press the volume up button and the microphone mute button at the same time for 5 seconds. At this time, the green light of the button indicator flashes 3 times, indicating that it has entered the PC mode.
	Mobile Phone Mode		Press the volume down button and the microphone mute button at the same time for 5 seconds. At this time, the green light of the button indicator flashes 5 times, indicating that it has entered the mobile phone mode.
	Echo Cancellation Mode		Press the on-hook button and the microphone mute button at the same time for 5 seconds. At this time, when the green light of the button indicator flashes 3 times and the microphone status indicator is green, it means that the echo cancellation mode has been entered; when the green light of the button indicator flashes 3 times times, and the microphone status indicator is red, it means exiting the echo cancellation mode
	Earphone Mode		Press the bluetooth button and the microphone mute button at the same time for 5 seconds, when the green light of the button indicator flashes 3 times, it means switching the normal mode/headphone mode

24 Evoness SRL
Str. Bega Nr. 6
400601 Cluj-Napoca
Romania
Tel.: +40 744 539702
E-mail: videocapture@tehnicavizuala.ro
Website: www.tehnicavizuala.ro

Indicator			
	Bluetooth status indicator	Blue light flashing	Bluetooth pairing status
		Blue light is on	Bluetooth is connected
	Microphone status indicator	Red light is on	Mute the microphone
		green light is always on	The microphone is working
	Working status indicator	Red light is on	Mute the microphone
		green light is always on	The microphone is working
		Low power indicator	The first red light of the working status indicator flashes, indicating that the device is in a low state Battery status, needs to be charged
	Power status indicator	Red light is on	The battery is low and must be charged
		Flashing green	Charging
		green light is always on	The battery is fully charged
Bluetooth		Support	
Power supply	Built-in battery	Built-in 5400mA battery , working duration is more than 10 hours. Standby time 90 days	
	USB	Able to connect with USB	
Application environment and specifications	Reverberation time	< 0.5 second	
	Noise level	< -48 dBA	
	System	Windows/Andriod/iOS /Linux	
	power supply	AC100~240V, 50-60HZ, 12W	
	Operating temperature	0°C-50°C (Operating statue)	
	humidity	20%-85%	
	Safety specifications	CE MARK (LVD & EMC DIRECTIVE); ROHS	
Dimension	152mm*152mm*38mm		
Accessories	Standard accessories	USB cable/cascade cable Bluetooth Dongle included User manual	