



Nexton FB12 4K AI VideoBar

FB12 is a next-generation VideoBar engineered for seamless video collaboration in medium to large rooms. It features a 4K AI-powered camera with face tracking and speaker tracking capabilities, along with 3x optical zoom, 4x digital zoom, and a wide 120° viewing angle to ensure all participants are captured clearly. Equipped with a built-in 6-microphone array and support for up to 4 wireless extension mics, it enables clear voice pickup within a 10-meter range. The high-fidelity speakers, combined with smart DSP audio processing, deliver advanced acoustic echo cancellation, automatic noise suppression, and gain control. FB12 is the ideal all-in-one audio-visual solution for professional-grade video conferences in medium to large meeting spaces.



PRODUCT HIGHLIGHTS:



4K PTZ Camera

The FB12's 120° ultra-wide-angle camera captures all participants, while its powerful zoom—3x optical and 4x digital—ensures that even individuals far from the camera are seen with exceptional clarity, making every expression visible.



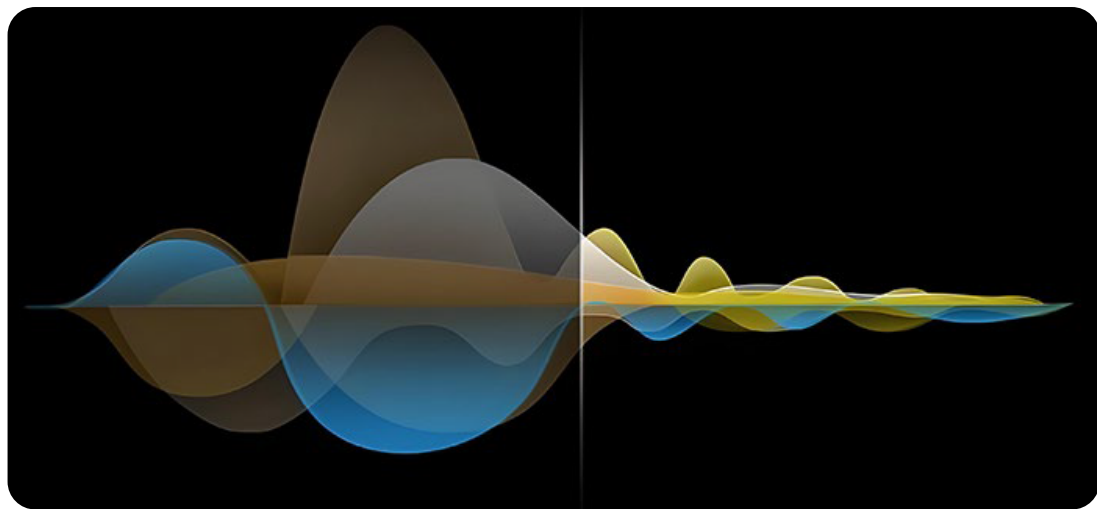
AI Auto Framing and Face Tracking Function

FB12 has a brand new AI intelligent zoom and tracking feature, which allows the camera to automatically zoom in and out, as well as pan, to keep the subject of your shot in the center of the frame. This provides an even greater boost to your communication efficiency.



AI Speaker Tracking

Built-in intelligent analysis algorithm, it will track speaker's voice in real time to frame and keep the speaker at the center of the screen. It will break the distance limitation and make us feel immersive to create a face to face experience.



DSP for 3A Audio Processing

Complementing its built-in microphone array and hi-fi speaker, the soundbar integrates advanced audio DSP. This system performs automatic echo cancellation, noise suppression, and gain control, ensuring that both sides of the conversation can hear and be heard with absolute clarity.



10 Meters Pickup Range

FB12 built-in 6 pickup microphones with 4 wireless microphones for voice pick-up range up to 10 meters, Make clear and smooth video calls without installing a microphone.

Wireless Extension microphone **Optional**



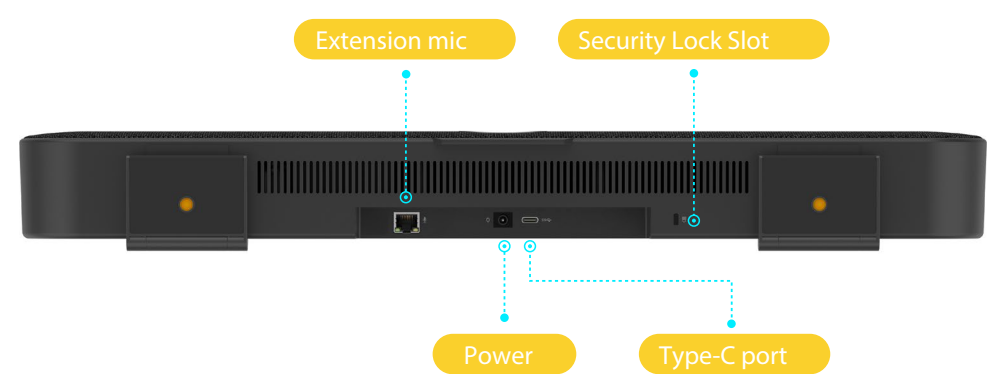
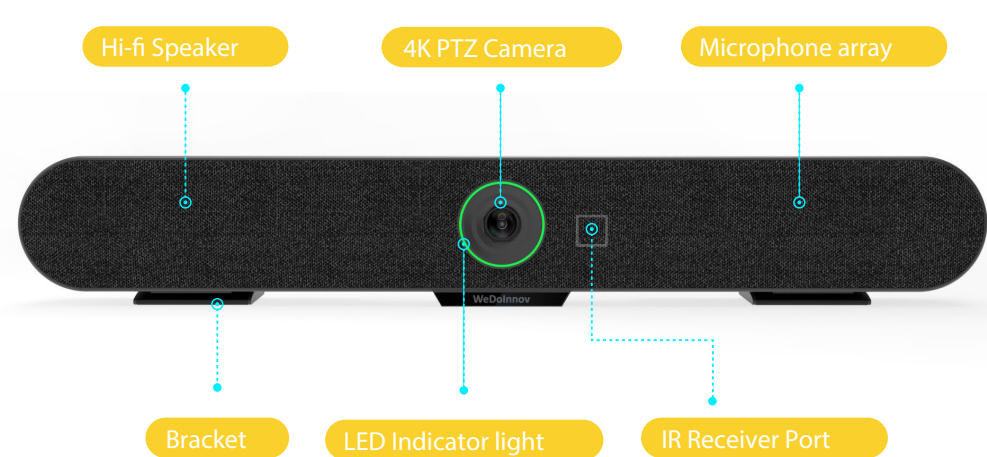
- 4 wireless microphones with voice pick-up range up to 10 meters.
- Touch key for mute/unmute.
- Wireless extension microphone charging dock.

Cable extension mic (5m cable) **Optional**



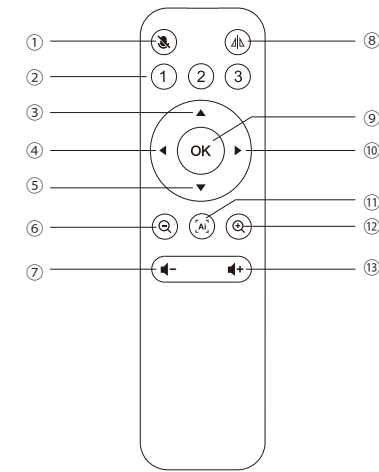
- Voice pick up radius 3 meters.
- Touch key for mute/unmute.
- 5m long cable.

PRODUCT DETAILS:

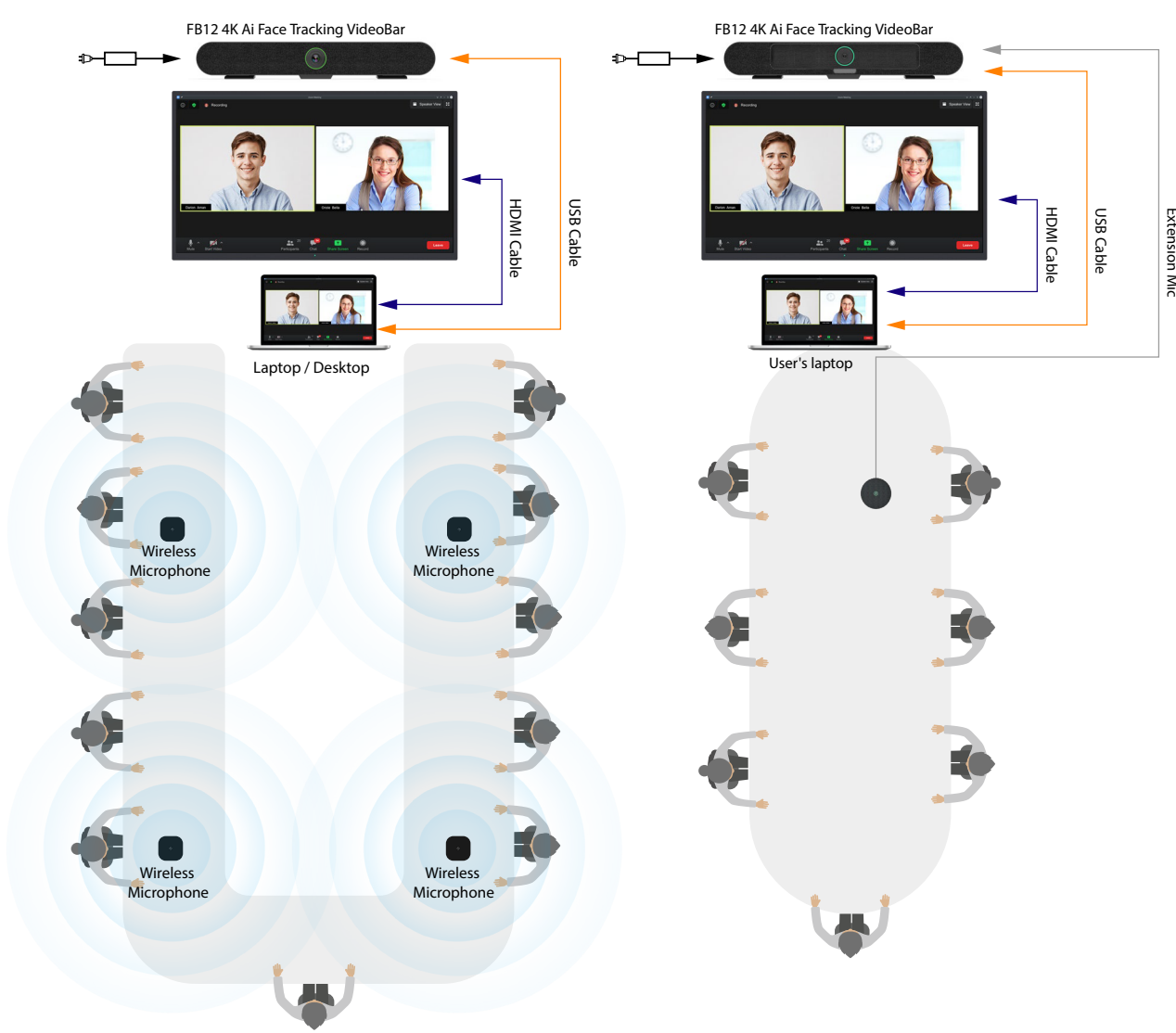


Camera Remote Control:

- ① Mute
- ② Preset
- ③ Tilt
- ④ Pan
- ⑤ Tilt
- ⑥ Zoom out
- ⑦ Volume -
- ⑧ Rotate
- ⑨ Recovery
- ⑩ Pan
- ⑪ Ai on/off
- ⑫ Zoom in
- ⑬ Volume +



CONNECTIONS:



Wireless extension microphone mode

Wired extension microphone mode

SPECIFICATIONS:

Model : FB12

Camera:

- 4K PTZ Camera
- 3x optical zoom, 4x digital zoom
- View angle: 120°
- Camera resolution: 4k30fps, 1080P30fps, 720P30fps, etc.

Microphone Array:

- Built-in 6 Mics
- Voice pick up range up to radius 5M
- Extension mic available

DSP Audio:

- Acoustic echo cancellation
- AGC (Automatic gain control)
- Automatic noise suppression

Speaker

- 1 x Hi-fi Speaker (Amplifier power:20w)

Physical Interface:

- 1 x USB 3.0 Type-C port
- Extension microphone port
- 1 x Power interface
- 1 x Security lock slot

Product size :

- 602.25mm X 94mm X 67mm

Package size:

- 700mm X 191mm X 198mm

Warranty : 12 Months

What's In The Box :

- 1 x FB12 4K VideoBar
- 1 x Camera Remote Control
- 1 x AC Adapter
- 1 x 3 Meters USB3.0 Cable
- 4 x Wireless Microphone (Optional)
- 1 x Wired Microphone (Optional)
- 1 x Charging dock
- 1 x Quick Installation Guide