

Matrice 300 RTK/Matrice 350 RTK:
Single or Dual Downward Gimbal Connector: -120° to -5°
Single Upward Gimbal Connector: -5° to +120°

Operation Mode	Follow / Free / Re-center
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Speaker

Impedance	4 Ω
Nominal Power	25 W
Effective Broadcast Distance	700 m (Matrice 400) 500 m (Matrice 350 RTK/Matrice 300 RTK) Measured in a laboratory environment at 25° (77° F). Actual conditions may vary slightly due to software version, audio source, specific environ other factors. The final effect is subject to actual use..
Max Sound Pressure Level	129 dB @ 1 m (Matrice 400) 127 dB @ 1 m (Matrice 350 RTK/Matrice 300 RTK) Measured in a laboratory environment at 25° (77° F). Actual conditions may vary slightly due to software version, audio source, specific environ other factors. The final effect is subject to actual use.
Effective Bandwidth	800 Hz to 8 kHz

Basic Features

Record & Broadcast	Record & broadcast Real-time broadcasting (Matrice 400 only)
Text-to-Speech	Text-to-speech and storage Matrice 400: Chinese, English, Spanish, Korean, Japanese, and French. Matrice 350 RTK/Matrice 300 RTK: Chinese and English.
Audio File Playback	Supports importing local files in MP3, AAC, and WAV formats. Supports simultaneous file transfer and playback when paired with Matrice 400.
Playback Control	Start / Stop recording / Loop playback / Volume adjustment
Remote Controller Button	Can set one button to press once to start recording, and press again to stop and play the recording.
Gimbal Synchronization	Supports synchronized control with other gimbal-equipped payloads

Special Features

Intelligent Volume Adjustment	When paired with Matrice 400, Zenmuse V1 intelligently adjusts the volume of live recordings and audio file automatic gain control.
Directional Audio Recording	The remote controller supports directional audio pickup and environmental noise reduction
Payload Protection	Speaker temperature protection, overcurrent protection, and power protection to prevent damage.
Directional Broadcasting	The DJI Pilot 2 app can use AR projection to visually indicate the orientation of the speaker.

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