



JZ_H10

MATRIX SPEAKER



WeChat
customer service



Compact body with astonishing power

The JZ_H10 MATRIX SPEAKER is designed to be compatible with the DJI Matrice 30 series. Despite its compact size, it contains astonishing power. It features two sets of high-compression drivers to achieve power amplification. The TTS (Text-to-Speech) text playback can reach a sound pressure level of 120dB at a distance of one meter, providing clear and audible sound. The coverage range can reach up to 1 kilometer. The device has a built-in 32GB storage space and can be connected to a computer via USB for music copying and firmware upgrades. The housing is made of aerospace aluminum alloy, ensuring durability. Furthermore, the H10 comes with a controllable gimbal that supports camera gimbal linkage. Additionally, the H10 is compatible with and supports the DJI Matrice 350 RTK and DJI Matrice 350 RTK through the M350 PSDK quick-release bracket and E-Port interface.

120_{dB}

Maximum sound
pressure level of
TTS at one meter

500_m

Broadcasting
distance

High pitch or High-
frequency sound

Dual speakers or
Dual horns

0-85°

Gimbal linkage
or Gimbal
synchronization

– TTS text playback

Supports text-to-speech playback, supports Chinese, English, and various local dialects.

– Audio playback

Supports playback of various file formats such as MP3, WAV, FLAC, etc. from an SD card.

– Voice recording loudspeaking

Real-time loudspeaking and recording upload through Pilot.

– USB mode

Connect to a computer via USB to switch to USB drive mode for more convenient audio storage. It has a built-in 32GB storage space.

*In a laboratory environment, the maximum sound pressure level at 1 meter testing is 125dB.



APPLICATION FIELDS OR APPLICATION AREAS

Traffic control



Fire control



Lost person guidance



Public safety



TECHNICAL SPECIFICATIONS

General parameters or Overall specifications

Product type	JZ_H10
Electrical interface or Electrical	DJI SDK
Size	98 x 83 x 91 mm
Weight	Approximately 265g
Protection rating	IP4X
Supported models	DJI M30、(DJI M350RTK)
Maximum sound pressure level	120 dB
Broadcasting distance	500 m
Maximum power consumption	25 W
Gimbal	Control from 0 to -85°, supports gimbal-camera linkage
Installation method	Compatible with standard quick-release brackets
Ambient temperature	
Operating temperature	-10 °C to 50 °C
Storage temperature	-20 °C to 60 °C

SUPPORTED MODELS

Matrice 30 by default.

Matrice 350 RTK(Needs an extra M350RTK PSDK Bracket).

DJI PILOT 2

JZ_H10 seamlessly integrates with DJI Pilot 2 to control the drone and loudspeaker payload.

ABOUT US

www.jzdrones.com

Guangzhou Jizhi Technology Co., Ltd. adheres to the concept of "extreme to the extreme", pursues the ultimate, continuously innovates, and is committed to creating world-class drone solution products. We focus on exploring refined applications in the drone industry, addressing the pain points of industry users in various practical scenarios, and providing strong empowerment capabilities for public safety and various industries. The company focuses on the research and development, production, and manufacturing of drone loads and surrounding supporting facilities. R&D personnel account for over 70%, with technical teams from various professional fields. They have years of R&D and practical experience in the drone industry, and have dozens of national inventions and utility models and other intellectual property rights. Currently, nearly 20 products of their own brand series have been put into mass production. The independently developed drone mission payload products are at the leading level in the industry, becoming a company with strong influence in this field. With reliable product quality and excellent after-sales service, we have won the recognition of a large number of users at home and abroad. Our product applications cover industries such as public security, firefighting, electricity, water conservancy, maritime, military, and have signed hundreds of agents.