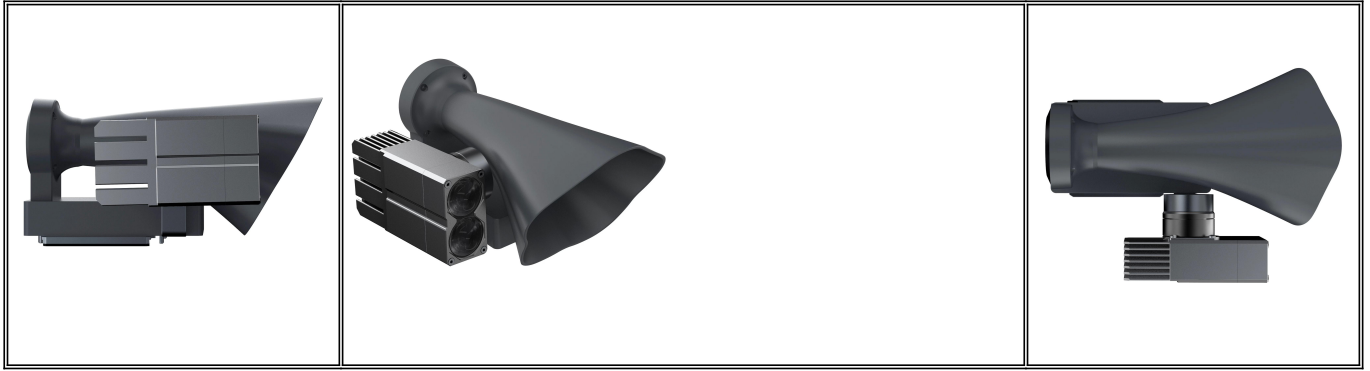


PJLB-12, A Probe Radio All-In-One Machine



Pengjin PJLB-12 is [Chinese UAV payload](#), a two-in-one load device specially designed for DJI M30 industry UAV. With the design concept of fluid aesthetics, it can challenge the limit of performance, take into account the artistic taste, effectively reduce wind resistance and improve the endurance of UAV flight operations. The PJLB-12 is the most efficient lighting and amplification product so far, which integrates the imaging optical technology of GL series cloud head searchlight with the LRAD long-range sound technology of MP series digital voice broadcast system, and the volume and weight are extremely light. Only weighing 270 grams, effective exploration distance is 100 meters, effective sound distance is 200 meters, can meet the actual combat needs of security patrol and forest search and rescue and other mission scenarios. By deep integration with DJI Pilot2 APP, all the functions of the loudspeaker and light can be quickly called, making the operation function more convenient.

Double swords together, small and powerful

Propaganda, lighting two in one only weight 270g body light as swallow endurance carefree

Good sound and light, outstanding effect

LRAD sound technology & optical imaging 120dB ultra loud pressure effective probe distance 100 m
effective sound distance 200 m

The beauty of bionic, extreme craftsmanship

Unique petal bionic plastic art, science perfect combination

Fast installation, fast disassembly, easy to use

Unique assembly design OSDK perfectly fit M30



Product Parameter

| | |
|----------------------|---|
| Electrical interface | DJI OSDK |
| weight | 270g (without quick removal support) 283g (with quick removal support) |
| size | 162*111*75mm |
| Power of searchlight | Regular Mode at 30w Super bright mode 40w Flash mode 40w |
| Speaker power | 15W |
| service voltage | 24V |
| light quantity | 2000lm±3% |
| searchlight FOV | 13° |

| | |
|---|---|
| spot diameter | 34m (Distance: 150m) 29.6m (Distance: 130m) 22.8m (Distance: 100m) 11.4m (Distance: 50m) |
| Probe area | 102 □ (Distance: 50m) 407 □ (Distance: 100m) 688 □ (Distance: 130m) 917 □ (Distance: 150m) |
| Central illumination | 20Lux (Distance: 50m) 4.5Lux (Distance: 100m) 2.5Lux (Distance: 130m) 1.7Lux (Distance: 150m) |
| Cloud table with a controllable range of rotation | Titch-120°~ + 45° |
| excess sound pressure | 120dB |
| Effective broadcast distance | 200m@74db 350m@69db |
| The way of propaganda | Real-time propaganda Recording upload Audio file playback TTS (multiple languages) Background sound |
| Audio format | mp3/wav/m4a/flac/aac |
| App support | DJI Pilot2 |
| working temperature | -15°C~+40°C |

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