



# Freebird

Unmatched Protection.

Uncompromised **Sound.**

SOUND BY  
**harman/kardon**



# Freebird Series

with Sound by Harman Kardon

Introducing the new and upgraded Freebird series – developed in collaboration with Harman Kardon – setting a new benchmark for audio performance in high-noise environments.

By combining Harman Kardon's premium hardware with advanced audio algorithms, the upgraded Freebird series delivers a studio-level sound experience like never before. For the first time, truly immersive, high-fidelity audio is made possible even in the loudest industrial settings.

Enjoy the music just as the artist once envisioned!



Product no  
1002242

## Freebird BT

with Sound by Harman Kardon



Product no  
1002243

## Freebird Pro

with Sound by Harman Kardon



Product no  
1002244

## Freebird Pro X

with Sound by Harman Kardon



Product no  
1002245

## Freebird Mesh

with Sound by Harman Kardon



# Shared Features

The Freebird with Sound by Harman Kardon series is built on a strong, shared foundation. All models in the range offer the same core features – designed to deliver outstanding performance, superior comfort, and reliable safety in every detail.



## Multipoint Connectivity

Pair two phones simultaneously for seamless communication without missing any important calls



## App Support

Customize and control via the dedicated Guardio Connect app



## Dual-Mode Mounting

Use with headband or helmet – switch as needed



## Premium Cushions

Soft, pressure-relieving ear cushions for all-day comfort



## Boom Microphone

Clear communication with self-hearing in noise up to 115dB



## SNR 32 dB

Certified high-level noise reduction



## Ultra-Fast Charging

Get back to work quicker with rapid power-up



## Ambient Awareness

Stay aware of your surroundings with built-in hear-through function



# Unique Communication Features

While all Freebird with Sound by Harman Kardon models share the same core DNA, each product has been carefully tailored with unique features to meet specific needs and preferences. Discover what sets each model apart.



## Digital Voice Operated Control

Experience seamless, hands-free communication with the AI-trained digital VOX switch from market-leading Sonunex. Instantly recognizing human voices, this smart VOX feature comes standard in all three product types



## Freebird Pro

### Built-in Communication radio

Built-in and Custom-programmable analog communication radio with 16 pre-programmed PMR channels in the 446MHz band



## Freebird Pro X

### Built-in Communication radio

Built-in analog and digital communication radio with 8 pre-programmed PMR channels and 8 DMR channels in the 446MHz band.



## Freebird Mesh

### Mesh Communication Radio with Full Duplex

Supports 8 active speakers, unlimited listeners, up to 500 m range between headsets, signal bridging, and 16 channels

# Product Specifications

|                     | BT   | Pro                | Pro X                     | Mesh                              |
|---------------------|------|--------------------|---------------------------|-----------------------------------|
| Weight headband     | 420g | 465g               | 465g                      | 443g                              |
| Weight helmet mount | 410g | 457g               | 457g                      | 435g                              |
| Battery time        | 120h | 120h/19h           | 120h/19h                  | 18h                               |
| Bluetooth version   | 5.1  | 5.1                | 5.1                       | 5.1                               |
| Communication range | -    | up to 2km          | up to 2km                 | 500m per Mesh                     |
| Communication type  | -    | PMR                | DMR                       | Full Duplex Mesh                  |
| Number of channels  | -    | 16PMR<br>in 446Mhz | 8PMR + 8 DMR<br>in 446Mhz | 12 private + 4 public<br>channels |

## Headset Accessories



Freebird Headband  
1001650



Freebird Helmet  
Mount Adapter  
1001654



Microphone Wind  
screen 2p  
1001655



Freebird Ear  
Cushion Standard  
1001648



Freebird Ear Cushion Gel  
1001652



Freebird Charging Set  
1001653

## Headset Spare Parts

Freebird Mesh Antenna  
1001993

Freebird Pro/Pro X Antenna  
1002529

Freebird Earcup Sealing Rings  
1002530

## Regulatory information

### Tested according to EN352-1: 2020 Attenuation data

SNR = 32 dB H = 32 dB M = 30 dB L = 25 dB

Size Range: Small/Medium/Large

Headband Force: Small = 9.5N / Medium = 10.9N / Large = 11.0N

### Tested according to EN352-3: 2020 Attenuation data

SNR = 30 dB H = 29 dB M = 28 dB L = 23 dB

Size Range: Small/Medium/Large

Headband Force: Small = 9.4N / Medium = 10.9N / Large = 11.1N



# Guardio



Scan code to learn more  
about the Freebird with Sound By Harman Kardon series