

User manual

Referee Bluetooth Intercom



About The Host



Parameter

Bluetooth version: 5.1
Audio encoding format: SBC&AAC
Support: CVC noise reduction, 3D sound
Intercom mode: 4-way intercom at the same time
Intercom distance: Up to 1500m(Distance of 4 units)
Battery parameters: 3.7V/850mAh
Power adapter: DC5V/1A
Talk time: 19H
Standby time: 260H
Charging time: 2.5H
Waterproof rating: IP65
Operating temperature range: -10~50°C
Charger specification: 3.5mm Round hole Charging

NIEUWE toestellen zijn gereed voor gebruik.

Het gemarkeerde (gekleurde) toestel is de master (moeder).

Zet dit eerst aan, en dan de anderen, één voor één !!

*Paring Herkenning

Stap 1 : Zet alle 4 toestellen aan

Stap 2 : Druk tweemaal de toets "A" van

toestel 1 en wacht nu 10 seconden

De toestellen zoeken elkaar.

Na connectie,

Toestel 1 pinkt rood

Toestel 2 pinkt blauw/rood

Toestel 3 pinkt blauw/rood

Toestel 4 pinkt blauw

Basic

>Power on/Power off

Power on: Long press <Power on> till the indicator light flash.
Power off: Click <Power off>.

>Charge the Device

Plug the standard power adapter in 3.5mm Round hole Charging.

>Clear Pairing (Restore Factory Settings)

Long press <Volume +> & <Volume -> button at same time.

>Volume Control

Volume Up: Click <Volume +> button.

Volume Down: Click <Volume -> button.

Pairing

>2-way Intercom Pairing



Before using, please clear the pairing record.

Step 1: Turn on the two devices, both devices flash blue.

Step 2: Long press the <A button> of device 1 and the B button of device 2 for about 5s until the indicator blinks between red and blue.

Step 3: Click the <A button> of device 1. The blue light of device 1 blinks, and the search starts for device 2. Wait until the blue light of device 1 and device 2 blinks synchronously.

Step 4: Click the <A button> of device 1 to enter the intercom state.

>3-way Intercom Pairing



Step 1: Pair device 1 with device 2 as above three steps.

Step 2: Long press the <A button> of device 2 and the <B button> of device 3 for about 5s until the indicator blinks between red and blue.

Step 3: Click the <A button> of device 2. The blue light of device 2 blinks and the search starts for device 3. Wait until the blue light of device 2 and device 3 blinks synchronously.

Step 4: Click the <A button> of device 1 to enter the intercom state.

>4-way Intercom Pairing



Basis instructies :

>Aanzetten door LANG de GROENE toets te drukken

>Uitzetten door kort het rode toetsje te drukken

Laden

>Plug de 3,5mm plug met kabel onderaan in, en steek het andere uiteinde in een USB-A stekker.

Leegmaken van de programmatie :

-!- Enkel nodig bij foute werking -!-

> Druk gelijktijdig "Vol + & Vol-" gedurende 5 seconden

Het Paren

*2 wegs-paren:

> Uw toestellen zijn gepaard, met het gekleurde toestel als master !

Wanneer u toch moet paren, dan doe dit als volgt :

Stap 1 : zet 2 toestellen aan, ze flitsen blauw

Stap 2 : Druk langdurig de toets "A" van toestel 1 en de toets "B" van toestel 2 gedurende 5 seconden tot de led "rood-blauw" pinkt.

Stap 3: klik kort de "A"toets van toestel 1.

De led pinkt blauw en zoekt nu toestel 2

De beide leds pinklen na een tijdje syncroon.

Klik nu de "A" toets van toestel 1 om de intercom verbinding op te bouwen.

*3 wegs-paren:

Stap 1 : Toestel 1 en 2 zijn gepaard.

Stap 2 : Druk langdurig de toets "A" van toestel 2 en de toets "B" van toestel 3 gedurende 5 seconden tot de led "rood-blauw" pinkt.

Stap 3: klik kort de "A"toets van toestel 2.

De led pinkt blauw en zoekt nu toestel 3

De beide leds pinken na een tijdje syncroon.

Klik nu de "A" toets van toestel 2 om de intercom verbinding op te bouwen.

Step 1: Pair device 1, device 2, and device 3 as above.

Step 2: Long press the <A button> on device 3 and <B button> of device 4 for about 5s until the indicator blinks between red and blue.

Step 3: Click the <A button> of device 3. The blue light of device 3 blinks and the search starts for device 4. Wait until the blue light of device 3 and device 4 blinks synchronously.

Step 4: Click the <A button> of device 1 to enter the intercom state.

>Pairing Reconnection

Step 1: Power on the four devices.

Step 2: Press the <A button> of device 1 twice and wait for about 10s. The four devices will automatically search for each other. After the four devices are connected, device 1 blinks red, device 2 and device 3 blinks red and blue, and device 4 blinks blue.

Attentions

1. Please use the standard charger to ensure the battery life.
2. To prevent FBIM from rain and water, the headset should be fully inserted in.



*4 wegs-paren:

Stap 1 : Toestel 1,2 en 3 zijn gepaard.

Stap 2 : Druk langdurig de toets "A" van toestel 3 en de toets "B" van toestel 4 gedurende 5 seconden tot de led "rood-blauw" pinkt.

Stap 3: klik kort de "A"toets van toestel 3.

De led pinkt blauw en zoekt nu toestel 4

De beide leds pinken na een tijdje synchroon.

Klik nu de "A" toets van toestel 3 om de intercom verbinding op te bouwen.

*Paring Herkenning

Stap 1 : Zet alle 4 toestellen aan

Stap 2 : Druk tweemaal de toets "A" van toestel 1 en wacht nu 10 seconden

De toestellen zoeken elkaar.

Na connectie,

Toestel 1 pinkt rood

Toestel 2 pinkt blauw/rood

Toestel 3 pinkt blauw/rood

Toestel 4 pinkt blauw

Opmerking :

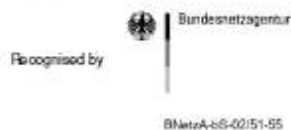
>Gebruik steeds de juiste laadkabel.

>Bij gebruik steeds de headset in het toestel steken, dit vermijdt stof en water indringing.

EU-TYPE EXAMINATION (MODULE B) CERTIFICATE

Radio Equipment Directive (RED) 2014/53/EU

PHOENIX TESTLAB
Notified Body Number **0700**



This is to certify that:
PHOENIX TESTLAB did undertake the relevant type examination procedures for the radio equipment identified below which was found to be in compliance with the essential requirements of Radio Equipment Directive (RED) 2014/53/EU subject to any conditions in the annex attached hereto.

Certificate No.	20-211304
Manufacturer	Shenzhen Ejeas Technology Co., Ltd.
Address	31, Kangrui Zhihui Gu., Building 1, No. 9, Queshan Zhongxin Road, Gaofeng Community, Dalang Street, Longhua District, Shenzhen, China
Product Description	Top Quality Hi-Fi Motorcycle Bluetooth Intercom; with Bluetooth and FM
Brand Name / Model Name	EJEAS / Q7, Q4, EUC, E1, V6, E6, FBIM, V4, V8, E200

The radio equipment meets the following essential requirements

Article 3.1 a): Health and Safety	Conform
Article 3.1 b): Electromagnetic Compatibility	Conform
Article 3.2: Effective and Efficient Use of Radio Spectrum	Conform
Additional Essential Requirements:	Not applicable

Date of issue: **2020-11-19** Expiry date: **2025-11-18**

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached annex are complied with. The conditions for the validity of this certificate are listed in the Annex.

The attached Annex forms part of this certificate. This certificate consists of 3 pages.



Signed by Wayne Hsu
Notified Body

11/19/2020

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Annex

Technical description

Frequency Range	Bluetooth: 2402 - 2480 MHz FM: 87.5 - 108 MHz (Rx)
Transmit Power	Bluetooth: 9.99 dBm EIRP
Hardware Version	V1.2
Software Version	V3.7.0

System Components

Battery	802045, 3.7V, 750mAh SHENZHEN GUOJU ENERGY CO., LTD
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Optional Components

Charging Cable	Model: N/A, Length: 500mm, Shenzhen xinhengtai Electronic Co., Ltd
Microphone Cable	Model: N/A, Shenzhen xinhengtai Electronic Co., Ltd
Clamp	Model: 36-09-68-1-GP, Shenzhen Ejeas Technology Co., Ltd.
Earphone	Model: 36-09-68-1-GP, Shenzhen Ejeas Technology Co., Ltd.

Approval documentation

Technical Documentation including EJEAS_Q7
External / Internal Photos, User Manual, Label, Block Diagram,
Circuit Diagram, Operational Description, PCB Layout, Parts
Placement, Parts List.

EU Declaration of Conformity	1 page, 11 November, 2020
Explanation of compliance Article 10(2) and Article 10(10)	Declaration of Operation in Member States and application for certification, 1 page, 13 November, 2020
Further Documents	Risk Assessment, 6 pages, 11 November, 2020 Declaration on model difference, 1 page, 13 November, 2020



Applied Standards and Test Reports

Specification	Laboratory	Test Report Number / Version
EN 62368-1:2014+A11:2017	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC00749201001ES01 V1.0
EN 50332-2:2013	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC00749201001ES02 V1.0
EN 50663:2017 EN 62479:2010	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC00749201001EH02 V1.0
ETSI EN 301 489-1 V2.2.3 ETSI EN 301 489-17 V3.2.4	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC00749201001EE01 V1.0
EN 55032:2015 EN 55035:2017 EN 61000-3-2:2019 EN 61000-3-3:2013/A1:2019	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC00749201001EE02 V1.0
ETSI EN 300 328 V2.2.2	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC00749201001EE04 V1.0 AGC00749201001EE11 V1.0
ETSI EN 303 345-1 V1.1.1 Draft ETSI EN 303 345-3 V1.1.0	Attestation of Global Compliance (Shenzhen) Co., Ltd.	AGC00749201001EE14 V1.0

Limitations / Restrictions

Operating Temperature range is -10 ~ 45 degree Celsius.

Notes

1. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with PHOENIX TESTLAB.
2. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/them being placed on the market.
3. The manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured radio equipment with the approved type described in the EU-type examination certificate and with the requirements of Directive 2014/53/EU that apply to it.
4.  The manufacturer shall affix the CE marking to each item of radio equipment that is in conformity with the type described in the EU-type examination certificate and satisfies the applicable requirements of the Directive.
5. The manufacturer shall draw up a written EU declaration of conformity for each radio equipment type and keep it at the disposal of the national authorities for 10 years after the radio equipment has been placed on the market. The EU declaration of conformity shall identify the radio equipment type for which it has been drawn up. A copy of the EU declaration of conformity shall be made available to the relevant authorities upon request.

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