

SPECIFICATIONS

FCC ID: UJW-7000

IC: 6695A-7000

Model: Yapalong-7000

Radio Frequency	Unlicensed ISM band 900 MHz Frequency Hopping Spread Spectrum
Group Size	7 Open-MIC Units / 5 Open-MIC Units + Unlimited PTT Units
Wireless Network	Peer-to-Peer No master/ No base station
Bluetooth Type	Version 5.0
No. of Channels	10
Channel Selection	Auto Scan
Range	Up to 1,400 meters line-of-sight
Overall Latency	50 ms
Size	100 x 60 x 30mm
Weight	100 grams
Power Rating	500 mW/ 27 dBm
Power Source	Lithium polymer, 3.7 V, 1700 mAh
Power Duration	8+ hours when fully charged
Operating Temp Range	-20 °C ~ 50 °C
Safety	Lead free, RoHS compliant
Encryption	Yapalong Proprietary
IP Rating	IP65

Yapalong

Yapalong-7000

Used with  Bluetooth Headset

*Please activate your warranty
@
yapalong.com/pages/warranty*



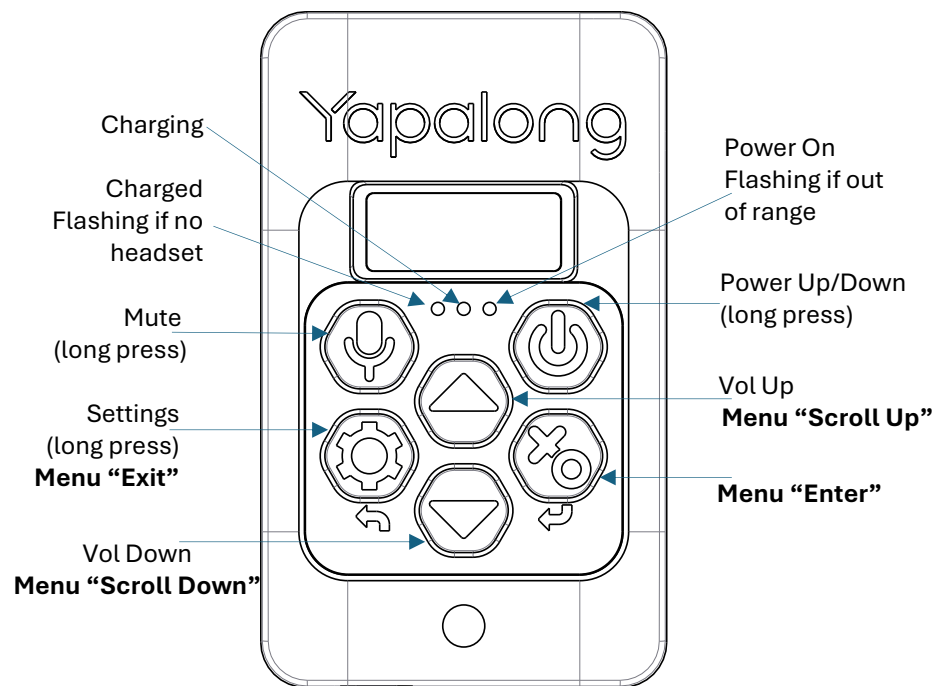
Scan for Instructional
YouTube Videos



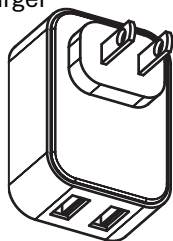
Yapalong Inc.
7895 Tranmere Dr., Unit 13
Mississauga, Ontario L5S 1V9
Canada
info@yapalong.com
1-(905)-405-0300

ITEM INCLUDED

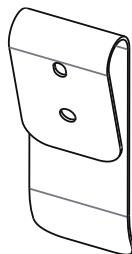
Yapalong7000 Radio



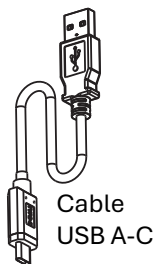
Charger



Belt Clip

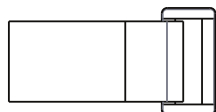


Screw M3X5
(for Belt Clip)

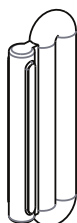


Cable
USB A-C

Arm Band



Armband
Loop, 2X



SAFETY WARNING!

Don't hold Yapalong too close to your head when in use.

INDUSTRY CANADA COMPLIANCE STATEMENT

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
 2. This device must accept any interference, including interference that may cause undesired operation of the device
- L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
1. L'appareil ne doit pas produire de brouillage;
 2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC INFORMATION TO USERS

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna;
- Increase the separation between the equipment and receiver;
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

WARNING: Changes or modifications not expressly approved by Yapalong Inc. could void the user's authority to operate the equipment.

Radiation Exposure Statement:

The device has been tested and comply with FCC/ISED SAR limits.

L'appareil a été testé et est conforme aux restrictions FCC/ISED SAR.

FOR CLASS B – UNINTENTIONAL RADIATORS

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operations.

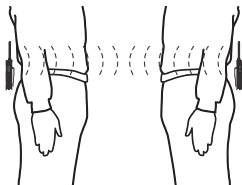
FCC RF Exposure Warning Statement:

-This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment can be used in portable exposure conditions.

MAXIMIZE RANGE

When worn, always keep the top of the radio upwards and the front outwards for the best range.

To obtain maximum range is to eliminate blocking obstacles at line of sight . The range is greatly reduced when the obstacle is very close to the antenna We need to avoid the following scenarios:



Close Body Blocking

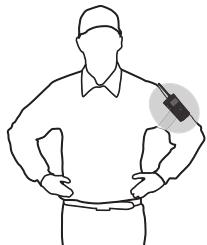
Placing bodies in between antennas causes communication signs being blocked



Antenna Touching Body

Human body consists mainly of water and water absorbs RF (radio frequency) wave.

Wearing Position Analyses



★★★

No close body blocking
No RF absorption



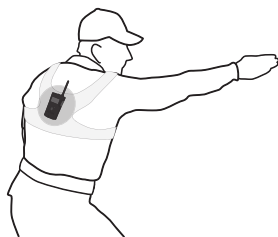
★★★

No close body blocking
Partial RF absorption



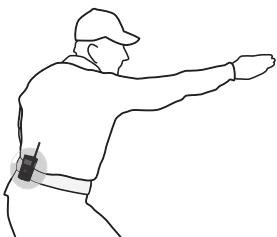
★★★

Partial close body blocking
due to low position
Partial RF absorption



☆☆☆

Total close body blocking
Partial RF absorption



☆☆☆

Total close body blocking
Partial RF absorption

GET STARTED

Welcome, Dear User!

Power Up A Unit

Press Power button on Yapalong6000 radio for 2 seconds, and Power light (red) is turned on solid at normal intensity. After 3 seconds, you will notice:

1. Power light (red)

- i) Normal intensity => Other radio(s) of the same group is detected
- ii) High intensity => No radio of the same group is detected .
(Refer to Section 3 BINDING.)

2. Battery light (amber)

- i) Off => Normal battery level
- ii) Flashing => Low battery

3. Bluetooth light (green)

- i) Off => Paired headset is detected .
- ii) Flashing => No paired headset is detected.
(Refer to Section 5 HEADSET.)

4. Settings light (green)

- i) Off => Radio is in Open-MIC mode.
- ii) Solid => Radio is in PTT mode.
(Refer to Section 2 Open-MIC/PTT.)

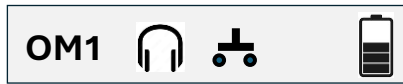
Power Up A Group

Power on the FIRST radio/headset pair, which should be used by the MAJOR user of the group, at the location where the radios to be used. Wait until the red light of the radio becomes solid. Once a Yapalong radio is turned on, it automatically scans the surroundings, picks the cleanest channel, and stays in the channel.

Then power on the rest of the radios/headsets PAIR BY PAIR to avoid the mix up of the radios and the headsets .

It is not recommended to power on all the radios at one location (e.g., locker room), then use them at another (e.g., football field).

DISPLAY STATUS



1

2

3

4

1. OM1, OM2...or PTT.

A bar goes across **OM1** if the unit is out of range

2. The symbol appears if headset is detected

A bar goes across  if headset cannot be detected

3. The symbol appears if dongle is detected

no symbol if dongle cannot be detected

4. Battery level

PAIR - HEADSET

Select "3. Pair - Headset"
from Menu

