WISYCOM
VOX INFRAGILIS

RPU500-TR User Manual

Full Duplex

reporter

unit

Rev.07 (ref. FW v2.3.0)

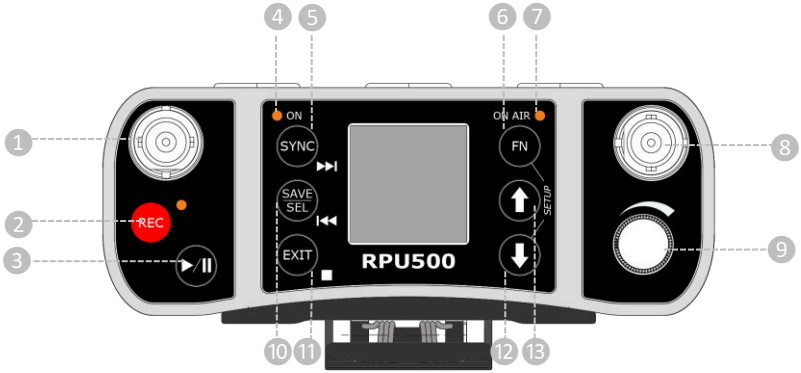
Date: 29 February 2024

SAFETY INSTRUCTION

- Read this safety instruction and the manual first
- Follow all instructions and information.
- Do not lose this manual.
- The unit is designed for Professional Use only
- Do not use this apparatus under the rain or near the water.
- Do not install the apparatus near heaters or in hot environments, do not use outside the operating temperature range.
- Do not open the apparatus, only qualified service technician are enabled to operate on it. The apparatus needs servicing when it is not properly working or is damaged by liquids, moisture or other objects are fallen in the apparatus.
- Use only accessories or replacement parts authorized or specified by the manufacturer.
- Clean the apparatus only with dry cloths, do not use liquids.
- Report the serial number and the purchasing date in front of the manual. It is needed to have proper replacement parts or accessories from the manufacturer.
- When replacement parts are needed, use only replacement parts authorized from the manufacturer. Substitution with not authorized parts could result in electric shock, hazards or fire.
- Keep attention on all the labels with warnings or hazards on the apparatus.
- THE DEVICE CAN ONLY BE WEAR WITH THE BELT CLIP PROVIDED BY WISYCOM (code: BCL500), It is not possible to wear other belt clips NOT authorized by Wisycom

PRODUCT OVERVIEW

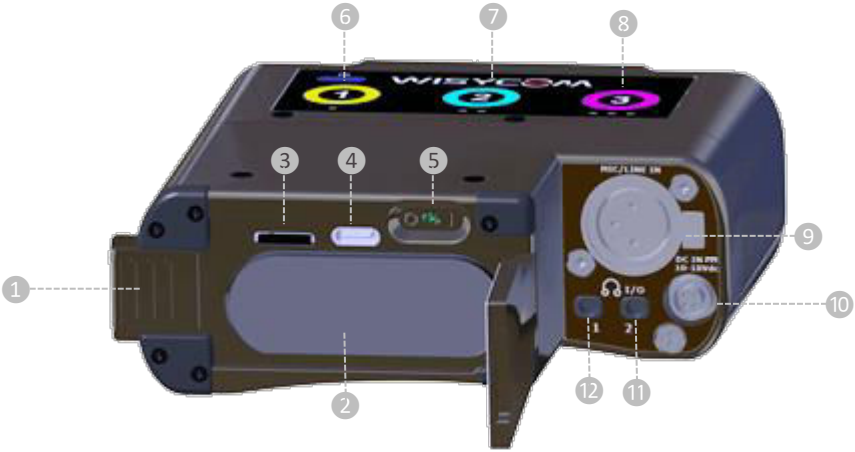
FRONT



1. TNC antenna connector for TX
2. REC button**
   (for audio recording on SD card)
3. Play audio from SD card**
4. Led ON
   (green when transmitter is on)
5. SYNC button** (for automatic synchronization with Wisycom RX)
6. FN button
   (for quick menu selection)
   Default setting: TALK
7. ON AIR led
   (green when transmission is active)
8. BNC antenna connector for RX
9. VOLUME knob
10. SAVE or SEL button
11. EXIT button
12. DOWN arrow button
    Use DOWN+FN to enter on Setup
13. UP arrow button

**available soon

REAR

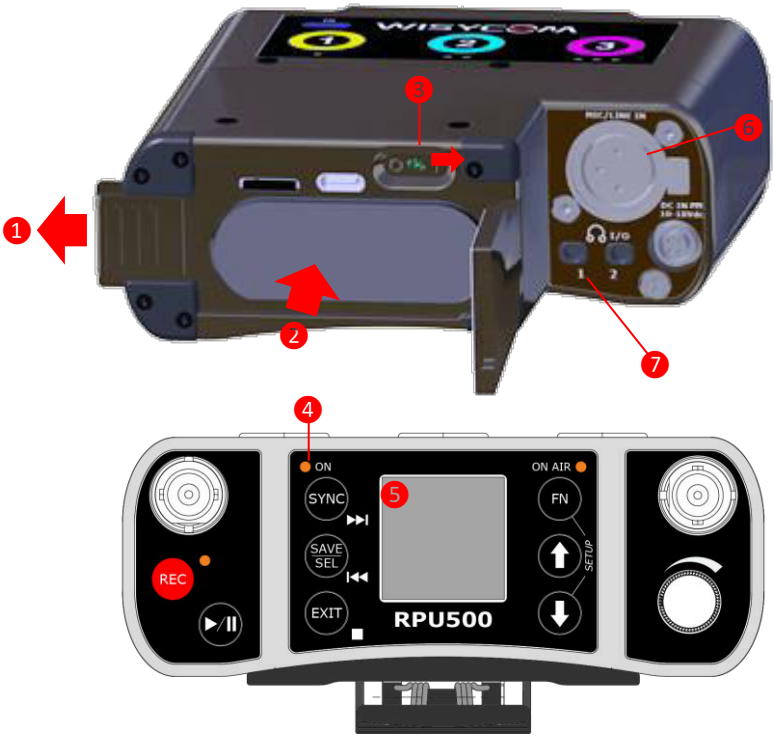


1. battery compartment latch
2. battery compartment
3. SD card slot
4. USB-C connector (for power and control)
5. ON/OFF switch
6. Lazy 1 button*
7. Lazy 2 button*
8. Lazy 3 button*
9. XLR-3pin connector for MIC/LINE audio input
10. Hirose 4-pin power supply connector 10-18V (pin1:GND, pin4:+Vdc)
11. waterproof jack 3.5mm (audio output or Aux input)
12. waterproof jack 3.5mm (audio output)

*Standard Wisycom sub-tone. Other sub-tones can be configured in Wisycom factory

QUICK SETUP

1. unlatch the battery compartment latch at the bottom of the device
2. insert the battery
3. move the wireless power switch in “I” position to power on the device
4. the front LED lights up green and
5. the display switch on

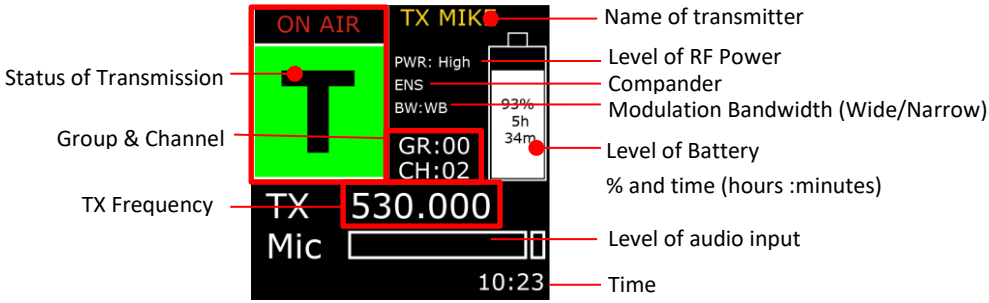


6. connect the XLR MIC (If required enables Phantom 12V/48V thru *Audio>Phantom* menu)
7. connect headphone on jack connector
8. push DOWN+FN and enter on Setup menu
9. set RX frequency thru RX >RF>FREQ menu
10. connect the antenna with BNC connector (according to set RX frequency)
11. set TX frequency thru TX >RF>FREQ menu
12. connect the antenna + filter (according to set TX frequency)
13. set RF Power thru RF>Power menu
14. push the TALK button (FN) to activate transmission

NOTE: When TX works in UHF, install the filter AFTxxx and set the transmitter’s frequency 40 MHz above than receivers frequency.

Display – Transmitter Info

This is the first menu displayed after power up



Status of Transmission:

- **OFF:**
  RF transmission is OFF

- **ST-BY [Stand-by]:**
  It is the status of the transmitter after the power on when "TX Start" menu is set to MUTE. The transmitter sends the carrier with an auxiliary tone (@28kHz) without the audio (The TX occupies the channel) →MRK980 receiver puts in MUTE the audio output
  A X icon is showed to indicate that the audio is muted

- **ON-AIR:**
  RF transmission is active with audio and an auxiliary sub-tone. According to the pushed button the auxiliary sub-tone is different and the display show a different icon:

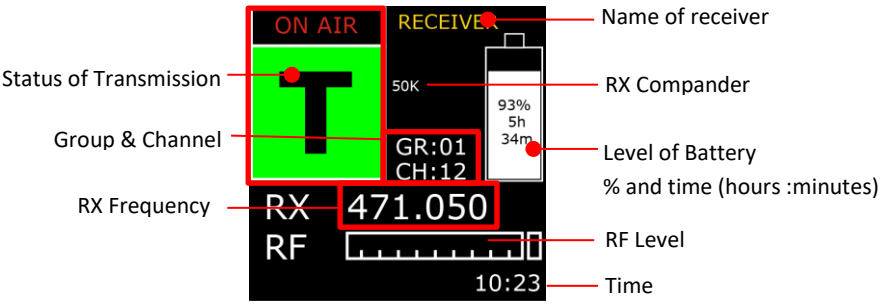
  - T when Talk button is pushed (sub-tone@~33kHz)
  - 1 when Lazy 1 button is pushed (sub-tone@ 32687 Hz*)
  - 2 when Lazy 2 button is pushed (sub-tone@ 32869 Hz*)
  - 3 when Lazy 3 button is pushed (sub-tone@ 33013 Hz*)

  *Standard Wisycom sub-tone. Other sub-tones can be configured in Wisycom factory

  In the Talk mode, just press the Talk button once and the transmission remains active until the button is pressed again. In Lazy mode, on the other hand, it is necessary to hold down the Lazy buttons to keep the transmission active.

  Wisycom receiver MRK980 detects the sub-tones and pass this information to the mixer (via Ethernet / Ember + protocol). From the mixer it is therefore possible to configure the audio routing.

Display – Receiver Info



Use the ARROWS to switch between Transmitter and Receiver display.

MENU

Use DOWN and FN to enter on SETUP MENU.

Using navigation buttons it is possible to quick & easy navigate through the RPU500 menu:

- SAVE/SEL to enter on a sub-menu or change a parameter
- EXIT to exit from a sub-menu or exit from a parameter modification
- Arrow up/down to circle on the same level
- SAVE/SEL press and hold to save the modified parameters Product overview

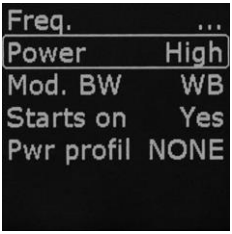
RF TX -----	Freq.	FREQ.	...
		GR:	0-39
		CH:	0-60
	Power	High/Mid/Low	
	Mod. BW	WB/NB	
	TX Start	OFF / Mute / Talk / Tk+Lz	
	Pwr Profile	Europe/USA	
RF RX -----	RX PWR	ON/OFF	
	Freq.	FREQ.	...
		GR:	0-39
		CH:	0-60
	Squelch	OFF/-6/-3/0/.../24 dBµV (3dB step)	
	Noise Sq	OFF/1/2/.../25 dB (1dB step)	
	Mode	12K5/50/NB	
	CTCSS	131,8	
Buttons -----	Talk	Temp/Latch/OFF	
	Lazy 1	Temp/Latch/OFF	
	Lazy 2	Temp/Latch/OFF	
	Lazy 3	Temp/Latch/OFF	
	FN	Talk/OFF/Mic gain/AUX gain/In mix	
Audio -----	Mic gain	0/2/4/6/....38dB	
	Phantom	OFF/12V/48V	
	Limiter	No/Yes	
	MIC HPF	FLAT/60/80/120/170/240 Hz	
	MIC LPF	20/15/12/10/7/5/4 KHz	
	Aux. con.	Input/Headphone	
	Aux. gain	0/2/4/.../40 dB (2dB step)	
	In mix	MIC/AUX/REC/MIC+AUX/MIC+REC/AUX+REC	
	Comp.	ENS	
	Mic phase	0°/180°	
Recorder -----	...		

Options -----	Info ------	Model	RPU500		
		Serial	F123456		
		Range	TX	170:960	
			RX	470-670	
		HW	...	Main rev	0
				Main opt	
		FW	...	App.	v2.3
				BL.	v1.1
		Profile	US		
		STD	country regulation		
		Alarms	0		
	Clock Setup	TIME	13:41		
		DATE	2020:04:28		
	Batt. Status	Level	69%		
		Time	267m		
		Volt	11.80V		
		Current	452mA		
		Temp	30°C		
	Batt. Data	N/E			
	TX Status	*RF diagnostic*			
		PWR	1000 mW		
		SWR	1.13		
		FWD	1091 mW		
		RFL	3 mW		
	Display	Brightness	1/5		
		Low Timeout	5-60 sec (step 5 sec)		
		OFF timeout	OFF/from 10 to 120 min (step 10 min)		
	Diagnostic	*Diagnostic*			
		Pwr	1093 mW		
		Vext	-		
		Vdd	17.83 V		
		Idd	147 mA		
		Temp	35 °C		
	Factory				

NOTE: Features not still implemented (reference firmware v2.3):

- SD card recording
- Bluetooth
- SYNC

RF TX menu:



Thanks to the RF menu is possible to configure all the RF parameters related to the transmission.

Freq. menu:

In this menu current channel/group and frequencies can be setup.

Channel frequency (in 5kHz step)
Group number (1 to 40) and group name (8 char.)
Channel number (0 to 60)
Max power allows at set frequency

Use the selector and arrows to change values and SAVE to confirm.

NOTE:

The device has 40 groups of 60 channels each. Connecting with computer with WISYCOM MANAGER software, it is possible to hide single channels or even complete groups of channels: once hidden those items are not shown anymore on the channels or groups selection. To show channels or groups hidden use again the WISYCOM MANAGER software.
Using this software it is also possible to lock channels or groups. When a channel is locked, it is not possible to change the frequency from the front panel of the device. Locking a group means that all channels are locked. When a channel or a group are locked, at the left of the group name will appear a lock icon as shown thus changing frequency is not possible.

Power:

Transmitter RF power can be set in 3 levels: Low, Mid and High.
These 3 levels can be configured by the user with WISYCOM MANAGER.
Factory pre-configured values in Wisycom are: Low 100mW, Mid 300mW and High 1000mW.

Modulation Bandwidth:

Select the type of modulation bandwidth:

- WB (Wideband) : 40kHz of nominal deviation, 56kH of peak deviation and 50÷21kHz of AF bandwidth
- NB (Narrowband) : 35kHz of nominal deviation, 25kH of peak deviation and 50÷17kHz of AF bandwidth

TX Start:

It is possible to select 3 startup modes:

- **OFF**: RF output remains OFF. To activate the transmission, select the Talk or Lazy buttons.
- **MUTE:** activates a specific tone at 28kHz which engages the channel (no audio) which is recognized by the MRK980 receiver and mutes the audio output
- **TALK**: immediately activates transmission (send audio and tone at 33kHz). A lock icon appears on the display to inform the user that Talk and Lazy buttons are locked.
- **TALK + LAZY:** immediately activates transmission (send audio and tone at 33kHz). A lock icon appears on the display to inform the user that Talk button is locked. The Lazy buttons (1,2 and 3) are active and follow the settings defined on the "Buttons" menu.

The choice of one of these modes is instantaneous (no need to restart the device)

Pwr profile:

Wisycom pre-configure a Power Profile in the memory of the device which automatically limit the RF level and/or the frequency ranges according to the county specification.

With NONE Pwr profile, no limit is configured.

RF RX menu:

Thanks to the RF RX menu is possible to configure all the RF parameters related to the receiver.

RX PWR:

This menu allows to switch ON/OFF the receiver.

Freq. menu:

In this menu current channel/group and frequencies can be setup.

Channel frequency (in 5kHz step, other on request)
Group number (from 0 to 39) and group name (8 char.)
Channel number (from 0 to 59)

Use the selector and arrows to change values and SAVE to confirm.

Squelch:

From here you can set the precise RF level above which the audio will un-mute.

Note: If the 'Noise Squelch' (see below) is set to one of the levels other than 'off' then the audio will not un-mute unless both the squelch level set is achieved and the required noise squelch criteria is also met.

Noise Squelch:

This has ‘OFF’ and levels 1 thru 25 available. The recommended setting is ‘6’.

Mode:

RPU500 receiver implement 3 types of de-modulation:

- **NB**: Narrow Band modulation (AF bandwidth 40-15kHz); approx. 110 kHz of bandwidth. It is compatible with MTK952*, MTK982**, MTP60, MTP61
- **50K**: intercom 50 KHz channels spacing (AF bandwidth 300Hz-6kHz); approx. 30 kHz of bandwidth (AF bandwidth It is compatible with MTK952*, MTK982**
- **12K5**: intercom 12,5 KHz channel spacing (AF bandwidth 300Hz-3Khz); approx. 9 kHz of bandwidth. It is compatible with MTK952*, MTK982**

*firmware v.17 or higher

**firmware v2.0 or higher

Mode:

Standard Wisycom CTCSS tone is 131.8Hz. Other CTSS can be set.

Buttons menu:

Buttons menu allows to configure the behavior of the Talk button, Lazy buttons and Function (FN) button.

Talk and Lazy buttons can be configured in:

- OFF: when pressed no action is triggered
- Temp: transmission active as long as the button is held down (temporary)
- Latch: pressed once activates transmission, pressed again disables transmission

Function (FN) button can be configured in:

- OFF: no function
- Mic gain: active the “Audio> Mic gain” menu
- AUX gain: active the “Audio> AUX gain” menu
- In mix: active the “Audio> Input mix” menu

Audio menu:

Thanks to the Audio menu is possible to configure all the audio parameters.

Mic gain:

To change gain from 0 to 38 dB on MIC/LINE IN audio input port.

Phantom:

To enable phantom power (12V or 48V).

Limiter:

To enable audio limiter.

MIC HPF:

To set audio High Pass Filter (FLAT/60/80/120/170/240 Hz)

MIC LPF:

To set audio Low Pass Filter (20/15/12/10/7/5/4 Hz)

Aux con.:

To set jack 3.5mm audio connector as auxiliary input or as headphone output.

Aux gain:

To adjust audio level on the auxiliary input (from 0 to 40 dB, 2 dB step)

Input mix:

To define audio inputs and mix different audio sources (MIC/AUX/REC/MIC+AUX/MIC+REC/AUX+REC)

Compander:

To select audio compander. Firmware version v1.0 supports only ENS compander. Other companders will be available very soon.

Options menu:

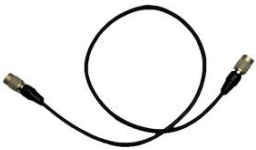
Thanks to the Option menu is possible to verify:

- Information of device (Serial, Hw version, Fw version)
- Status of the device (alarms, RF diagnostic, Supply diagnostic, Battery status)

The Display sub-menu allows to change display parameters like brightness and timeout.

To set the factory parameters select the Factory submenu.

ACCESSORIES AND PARTS

	Item: LBP500 Standard Lithium Battery pack 10.80V / 3.35Ah / 36.20Wh
	Item: LBC500 Mini Smart Battery Charger with external power supply
	Item: CAL1x Power Cord 2 m. black CAL11: USA, NEMA 5-15P / IEC 60320 C5 CAL12: Europe, SCHUKO / IEC 60320 C5 CAL13: UK, UK / IEC 60320 C5
	Item:CAUSBC1 USB Cable 1m USB B - USB C Male Black To monitor/control/power RPU500
	**Item: CDC34** External power feeding cable CDC34: hirose 4pin Male/raw wires (50 cm) CDC34HM: hirose 4pin Male/ hirose 4pin Male (50 cm)
	Item: PSP15V1A2-H AC/DC Power Supply with Hirose 4 pin connector Input:90 - 264V ac Output: 15V, 1.2mA (18W) Supplied with EU/UK/USA/AU plug
	Item: BCL500 Belt Clip RPU500

Item: AWB500-xxx (only for RPU500-EU_T1 version)
1/2 Dipole antenna with BNC connector for transmission:

- AWB500-494: band 470-517 MHZ
- AWB500-540: band 515-563 MHZ
- AWB500-590: band 562-609 MHZ
- AWB500-625: band 609-645 MHZ
- AWB500-670: band 645-696 MHZ
- AWB500-730: band 710-750 MHZ
- AWB500-950: band 940-960 MHZ

Item: AWT500-xxx 1/2 Dipole antenna with TNC connector for RPU500 transmitter VHF range
Item: AWF500-xxx 1/2 Dipole antenna with FME connector for RPU500 transmitter UHF range

	Code	Band MHz	T2	T3	
VHF	AWT500-180	170-188	✓	✓	
	AWT500-197	188-206	✓	✓	
	AWT500-213	206-220	✓	✓	
	AWT500-229	220-238	✓	✓	
UHF	AWF500-455	440-470	NO Full Duplex* ✓		
	AWF500-494	470-517	NO Full Duplex* ✓		
	AWF500-540	515-563	✓	✓	AFT-530 / AFT-580
	AWF500-590	562-609	✓	✓	AFT-530 / AFT-580
	AWF500-625	609-645	✓	✓	AFT-530 / AFT-580
	AWF500-670	645-696	✓	✓	AFT-530 / AFT-580
	AWF500-720	696-744	✓	✓	AFT-530 / AFT-580
	AWF500-770	744-798	✓	✓	AFT-530 / AFT-580
	AWF500-950	940-960	✓	✓	AFT-530 / AFT-580

*FME/TNC adapter to order separately (code: CNANT-TNC)

Item: AFT530/AFT580
High Pass Filter at 530/AFT580 MHz to install between transmission antenna (BFME connector) and RPU500 Full Duplex TNC connector (other frequency on request)

Item: AWB500-Rxxx
1/4 Dipole antenna with BNC connector for RPU500 receiver

Code	Band MHz	R2	R3
AWB500-R440	410-470	✓	
AWB500-R520	470-574	✓	✓
AWB500-R620	570-670		✓

TECHNICAL SPECIFICATIONS

TRANSMITTER RF	**Frequency ranges**	from 170 to 960 MHz, depends on the variants (see Configurations) **NOTE: When TX works in UHF, install the filter AFTxxx and set the transmitter's frequency about 40 MHz above than receivers frequency** *ex. TX freq. ≥530 MHz and RX: 470-490 MHz*
	Switchable channels	2400 managed in 40 groups ofr 60 frequencies completely user customizable
	Frequencies	5 kHz step
	Frequency error	< ± 2.5 ppm, in the rated temperature range
	RF Power	switchable Low / Medium / High, typ. 100mW / 300mW / 1W (*) note: in some countries high power can be disabled, for local norm!
	Antenna connector	TNC type female (BNC for T1/F1 version)
	RF impedance	50 ohm
	Modulation	FM mono, wideband or narrowband IFB (SW selectable)
	Nominal deviation	±40 kHz (wideband), ± 25 kHz (narrowband)
	Peak deviation	±56 kHz (wideband), ± 35 kHz (narrowband)
	Spurious emissions	< 2 nW (typical = 0.1 pW)
RECEIVER RF	**Frequency ranges**	from 414,5 to 670 MHz, depends on the variants
	Switchable channels	2400 managed in 40 groups ofr 60 frequencies completely user customizable
	Frequencies	5 kHz step (default), other on request options: RS2 = 6.25 kHz, RS3 = 10 kHz, RS4 = 12.5 kHz, RS5 = 20 kHz, RS6 = 25 kHz, RS7 = 125 kHz
	Frequency error	< ± 2.5 ppm, in the rated temperature range
	Antenna connector	BNC type female, 50 ohm
	Modulation	FM intercom and IFB (SW selectable)
	Peak deviation	± 35 kHz (IFB narrowband), ± 8,5 kHz (Talkback 50Khz), ± 4 kHz (Talkback 12,5Khz)
AUDIO	**Noise Reduction system**	ENS - Wisycom Extended-Sound Optimized (other on request)
	AF bandwidth for TX	50 Hz - 20 KHz (1dB) (Wideband, ARM based, SW switchable) 50 Hz - 15 KHz (1dB) (Narrowband, ARM based, SW switchable)
	AF bandwidth for RX	SW switchable (other on request): ENS-NB: 40 Hz ÷ 15 KHz (1dB) (IFB Narrowband 110KHz channel spacing) COM-ENS-50K: 300 Hz ÷ 6 KHz (1dB) (Talkback 50Khz channel spacing) COM-ENS-12K5: 300 Hz ÷ 3 KHz (1dB) (Talkback 12,5Khz channel spacing)
	Audio input connector	1 x XLR3-F type (MIC/Line level) for audio input 1 x Jack 3.5mm AUX for audio input/output (sw selectable) 1 x Jack 3.5mm for audio output
OTHERS	**Managing interface**	USB C, Bluetooth 5
	Command buttons	• Pgm • Talkback 1 • Talkback 2 • Talkback 3
	Display	Transflective color display with high visibility in the sun
	Power supply	standard battery pack RRC2040 or External = 10 - 18 Vdc (10W max) with Hirose 4-pin connector
	Power consumption	TRANSMITTER: 440mA @12V / 5.28W in VHF range

	450 ÷ 530 mA @12V in UHF range depending of the frequency and temperature (display off, 1 Watt) RECEIVER: 70 mA @12V / 0.84W
Battery life	> 5h (power profile & IIP3 trade off) with Lithium RRC2040
Temperature range	-10 - +55 °C
Dimensions	114mm x 118mm x 55mm (H x W x D) with beltclip
Weight	800g (battery included)

Compliance

Code	*In Compliance with*	*Max Power& Freq. range*	*Country*
RPU500-EU	**EN 301 489-1/-9** **EN 600065** **EN 300 422-1/-2** **EN 300 454-1/-2**	Up to 1W 170-230 Mhz 440-696 Mhz 715-744 Mhz 940-960 Mhz	Europe CE
RPU500-US	FC PART 74 FCC-ID: **POURPU500**	50 mW @ 174-216 Mhz 1 W @ 450-451 Mhz 1 W @ 455-456 Mhz 250 mW @ 470-608 Mhz 20 mW @ 614-616 Mhz 20 mW @ 653-657 Mhz 20 mW @ 657-663 Mhz 1 W @ 940-960 Mhz	USA
RPU500-CA	**RSS-123, RSS-210** IC: **11967A-RPU500**	50 mW @ 174-216 Mhz 1 W @ 450-451 Mhz 1 W @ 455-456 Mhz 250 mW @ 470-608 Mhz 20 mW @ 614-616 Mhz 20 mW @ 653-657 Mhz 20 mW @ 657-663 Mhz 1 W @ 940-960 Mhz	Canada

MANUFACTURER DECLARATIONS

Statements regarding FCC and Industry Canada

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 OPERATION.

WARNING: Wisycom srl. is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. such modifications could void the user's authority to operate the equipment.

The FCC and IC identifier is visible in the display when the device is switched on and it is also available by accessing the *Options> Info> Regulatory* submenus.

EN

This device complies with Industry Canada license-exempt RSS-123 and RSS-210 standard. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This radio transmitter (identify the device by certification number, or model number if Category II) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

FR

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence RSS-123 et RSS-210. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Le présent émetteur radio (identifier le dispositif par son numéro de certification ou son numéro de modèle s'il fait partie du matériel de catégorie I) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

This equipment complies has been evaluated for and shown compliant with the FCC and ISED RF Exposure limits. The unit of measurement for RF exposure is Specific Absorption Rate (SAR). The FCC SAR limits for is 1.6W/Kg per 1g of tissue
The maximum SAR levels tested has been shown to be 0.89 W/kg at head with 0mm of separation distance from the body.

This device operates on a no-interference, no-protection basis. Should the user seek to obtain protection from other radio services operating in the same TV bands, a radio license is required. For further details, consult Innovation, Science and Economic development Canada's Client Procedures Circular CPC-2-1-28, **Voluntary Licensing of License-Exempt Wireless Microphones in TV Bands.**

Antenna types (50 Ohm impedance, max gain 2.15dBi)

- AWT500-180: band 170 - 188 MHz
- AWT500-197: band 188 - 206 MHz
- AWT500-213: band 206 - 220 MHz
- AWT500-455 : band 440 - 470 MHz
- AWT500-494 : band 470 - 517 MHz
- AWT500-540 : band 515 - 563 MHz
- AWT500-590 : band 562 - 609 MHz
- AWT500-625 : band 609 - 645 MHz
- AWT500-670 : band 645 - 696 MHz
- AWT500-720 : band 696 - 744 MHz
- AWT500-770 : band 744 - 798 MHz
- AWT500-950 : band 940 - 960 MHz

In compliance with the following requirements

- RoHS Directive (2002/95/EC)
- WEEE Directive (2002/96/EC)

Please dispose of the diversity transmitter at the end of its operational lifetime by taking it to your local collection point or recycling center for such equipment

ITALY ONLY

Obblighi di informazione agli utilizzatori

ai sensi dell'art. 13 del Decreto Legislativo 25 luglio 2005, n. 151 "Attuazione delle Direttive 2002/95/CE, 2002/96/CE e 2003/108/CE, relative alla riduzione dell'uso di sostanze pericolose nelle apparecchiature elettriche ed elettroniche, nonché allo smaltimento dei rifiuti"

Smaltimento di apparecchiature elettriche ed elettroniche di tipo professionale

Il simbolo del cassonetto barrato riportato sull'apparecchiatura o sulla sua confezione indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti.

La raccolta differenziata della presente apparecchiatura giunta a fine vita è organizzata e gestita dal produttore. L'utente che vorrà disfarsi della presente apparecchiatura dovrà quindi contattare il produttore e seguire il sistema che questo ha adottato per consentire la raccolta separata dell'apparecchiatura giunta a fine vita.

L'adeguata raccolta differenziata per l'avvio successivo dell'apparecchiatura dismessa al riciclaggio, al trattamento e allo smaltimento ambientale compatibile contribuisce ad evitare possibili effetti negativi sull'ambiente e sulla salute e favorisce il reimpiego e/o riciclo dei materiali di cui è composta l'apparecchiatura.

Lo smaltimento abusivo del prodotto da parte del detentore comporta l'applicazione delle sanzioni amministrative previste dalla normativa vigente.

Smaltimento batterie usate

Questo prodotto può contenere batterie. Questo simbolo apposto sulle batterie significa che non possono essere smaltite insieme a normali rifiuti domestici, bensì devono essere depositate negli appositi punti di raccolta delle batterie.

Iscrizione al Registro A.E.E. n. IT09100000006319

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