PocketTally™

By Lanlink Digital Broadcast

USER MANUAL



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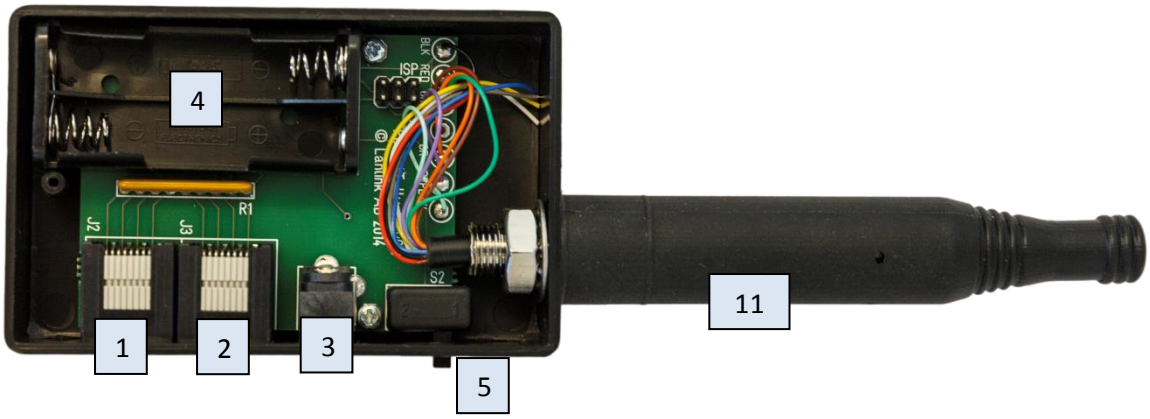
Introduction

Thank you for purchasing the Lanlink PocketTally™. Lanlink are developing accessories and adding valued features of customization to customers. Visit lanlink.tv for more information.

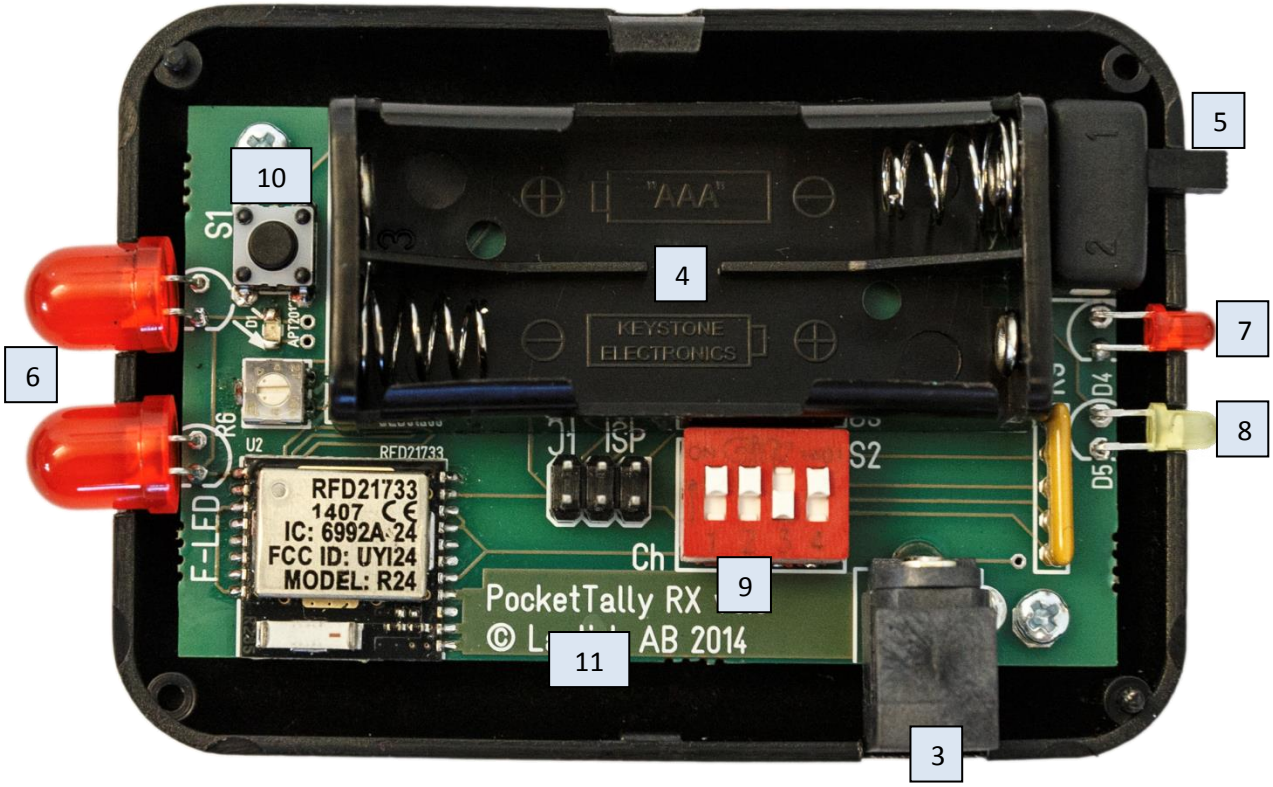
Get to know your equipment

The system consists of two different parts. The transmitter and a number of receiver units.

Transmitter



Receiver



1 & 2 - GPI Closure connector

PocketTally™ has 8 individual GPI Closure inputs in twi standard RJ-45 connectors. It can be configured for 4 channel Program+Preview (Mode 1) or 8 channel Program (Mode 2) tally lights. Lighting up a tally light is done by closing a connection between the desired channel and GND as described in the table below.

Mode 1

Connector 1		Connector 2	
#1 – Ch1 PGM	#2 – GND	#1 – Ch1 PVW	#2 – GND
#3 – Ch2 PGM	#4 – GND	#3 – Ch2 PVW	#4 – GND
#5 – Ch3 PGM	#6 – GND	#5 – Ch3 PVW	#6 – GND
#7 – Ch4 PGM	#8 – GND	#7 – Ch4 PVW	#8 – GND

Mode 2

Connector 1		Connector 2	
#1 – Ch1 PGM	#2 – GND	#1 – Ch5 PGM	#2 – GND
#3 – Ch2 PGM	#4 – GND	#3 – Ch6 PGM	#4 – GND
#5 – Ch3 PGM	#6 – GND	#5 – Ch7 PGM	#6 – GND
#7 – Ch4 PGM	#8 – GND	#7 – Ch8 PGM	#8 – GND

3 - Power connector

External power may be connected using a standard 2.1/5.5mm barrel connector using center pin as plus (+). Use any voltage between 5 and 12 V.

4 - Internal battery holder

PocketTally™ may be run on internal batteries only if needed, 2x AAA batteries are required.

NOTE 1: Be sure to use alkaline batteries, rechargeable batteries might work but they usually provide just on the edge of the voltage needed.

NOTE 2: Due to the limited size of the receiver units using internal batteries may affect the reception range under some circumstances.

5 - Power Switch

When set to 1 the unit will run on the internal batteries while set to 2 it will run on the external power source. There is no OFF on the unit, set it to the power source not used to switch it off.

6 - Front Tally Lights

Lights up when the corresponding Program channel input is closed.

7 - Rear Tally Light PGM

Lights up when the corresponding Program channel input is closed.

8 - Rear Tally Light PVW

Lights up when the corresponding Preview channel input is closed and the receiver is set to Mode 1.

9 - Channel and Mode selector

Sets the receiver to the desired channel and mode according to the table below.

NOTE: The receiver has to be restarted to use the new setting.

Mode 1

Channel\Switch	1	2	3	4
Channel 1	OFF	OFF	OFF	OFF
Channel 2	ON	OFF	OFF	OFF
Channel 3	OFF	ON	OFF	OFF
Channel 4	ON	ON	OFF	OFF

Mode 2

Channel\Switch	1	2	3	4
Channel 1	OFF	OFF	OFF	ON
Channel 2	ON	OFF	OFF	ON
Channel 3	OFF	ON	OFF	ON
Channel 4	ON	ON	OFF	ON
Channel 5	OFF	OFF	ON	ON
Channel 6	ON	OFF	ON	ON
Channel 7	OFF	ON	ON	ON
Channel 8	ON	ON	ON	ON

10 - Pairing switch

To connect a receiver to a transmitter make sure no other PocketTally™ equipment is powered on. Power up the receiver and wait for the setup sequence. Press the pairing button and the pairing LED should light up constantly. If it flashes fast 3 times and black out again some other unit is powered on. When the LED lights up constantly, power up the transmitter and the LED should now flash fast 3 times and black out. You have 10 seconds to turn the transmitter on or the receiver will go to operational mode again. The receiver is now listening to the transmitter.

NOTE: Each receiver can listen to up to 63 transmitters for extended range or improved reception in disturbed areas.

To unpair a receiver from all transmitters programmed, hold the pair button for at least 10 seconds and release, it should then flash fast 5 times and black out.

11 - Antennas

Do not block the antennas with any metal objects. For best performance place the transmitter on the right hand side of the receiver if possible, which is the antenna side.

Identifying receivers (Setup sequence)

To identify each receiver, turn it off and on again, now it will flash in a setup sequence. If in Mode 1, Preview LED will light up while the Program LED will flash a number of times for the selected channel. 2 flashes means it is receiver channel 2. If in Mode 2, no Preview LED will light up while Program LED flashes.

Warranty

This product is shipped with a one (1) year limited warranty for a trouble free normal usage. Note that as with any radio equipment, 100% functionality cannot be guaranteed. Turning off any other radio equipment on the 2.4 GHz band and use the units in line of sight will improve your chances of trouble free operations.

Contact details

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Appendix A – Radio information

Industry Canada Information

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). 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.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie 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, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC Information

This equipment has been tested and found to comply with the limits for a class B digital device, 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 instructions, 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 antennas if possible.

* Increase the separation between the equipment.

* Consult the dealer.

In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with non-approved equipment or unshielded cables is likely to result in interference to radio and TV reception. The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment.