Portable Point-to-point Wireless Link with UHF-R and PSM900

The following explains how a link between a PSM900 receiver and a UHF-R transmitter can be achieved. This helps where mobility and portability is a very important requirement.

Portable Link: UHF-R transmitter + PSM900 receiver, both portable and battery powered

P9R and UR1 / UR2 are tunable in 25 kHz steps throughout their operating frequency range.
The frequency bands overlap as follows:

P9R	Frequency Band	UR1 / UR2	Frequency Band
G6/G6E	470-506 MHz	G1/G1E	470-530 MHz
G7/G7E	506-542 MHz	G1E or H4E	470-530 MHz or 518-578 MHz
K1/K1E	596-632 MHz	J5/J5E	578-638 MHz
L6/L6E	656-692 MHz	L3/L3E	638-698 MHz
P7	702-742 MHz	M5E	694-758 MHz
Q15	750-790 MHz	M5E or Q5	694-758 MHz or 740-814 MHz
R21	794-806 MHz	Q5 or R9	740-814 MHz or 790-865 MHz
R22	790-830 MHz	R9	790-865 MHz

How to set up a point-to-point portable wireless audio system:

1) On the P9R, push "Enter"-button

2) Choose RADIO>SQUELCH

3) Confirm CHANGING SQUELCH? by pressing "Enter"-button again

4) Press the ▲ ▼ -buttons until NO SQUELCH is displayed and press "Enter"-button again

When squelch is not active and the UR1 / UR2 is shut off there is loud noise hearable through the P9R.

5) Look at the frequency ranges of the UHF-R and PSM900 bands you have and choose a frequency which is available in both bands:

    i. <u>P9R:</u>

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1. Press "Enter"-button

2. Choose RADIO

3. Push the ▲▼-buttons until ...MHZ is marked

4. Press "Enter"-button again

5. Set the frequency you have chosen (available in the UHF-R and the PSM900) by using the ▲▼-buttons and the "Enter"-button.

ii. <u>UR2:</u>

1. Press "Enter"-button

2. Press the ▲▼-buttons until ...MHZ is marked

3. Press "Enter"-button again

4. Choose the frequency you set before in the P9R by using the ▲▼-buttons and "Enter"-button

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