



# SCPC Squawk Channel setting for the SR- 2000 Pro

Setting the SR-2000 Pro for the new SCPC Squawk Channel

## Setting the SR-2000 Pro for the new SCPC Squawk Channel - GUI

### Streams

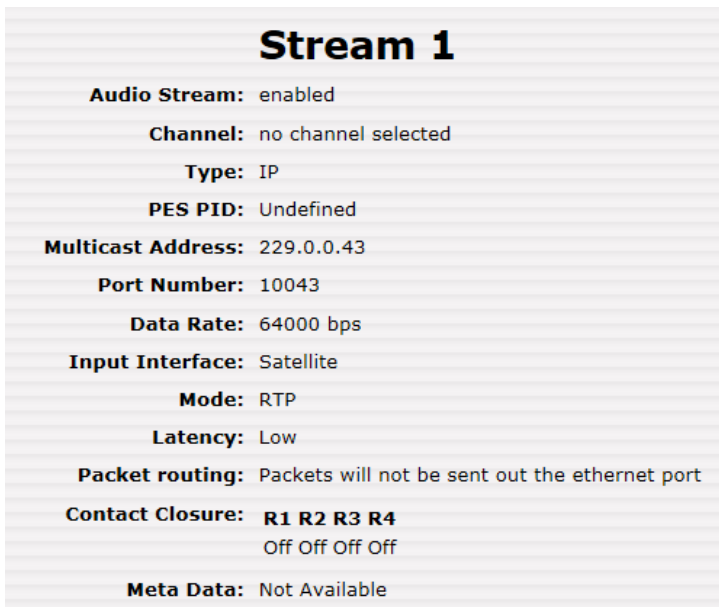
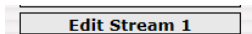
1. Log into the receiver via the GUI



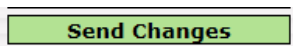
2. Select Audio



3. Edit Stream 1



4. Set
  - a. Multicast Address 229.0.0.43
  - b. Port Number 10043
  - c. Data Rate 64000 bps
5. Click on Send Changes to accept the modifications made



## Carrier

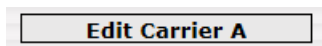
1. Select DVB Carrier



2. Select DVB Carrier Definitions



3. Edit carrier A



### Carrier A

**Description:** *PRSS Audio Subsystem*

**Frequency:** *1432.400000 MHz*

**Symbol Rate:** *263.000 ks/s*

**Viterbi Rate:** *3/4*

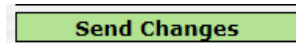
**NCC PID:** *4150 (1036)*

**Modulation Type:** *QPSK*

**Enable 22kHz Tone:** *Disabled*

**Polarization:** *Horizontal (18V)*

4. Set
  - a. Frequency to 1432.4 MHz
  - b. Symbol Rate 263.0 ks/s
  - c. Viterbi Rate  $\frac{3}{4}$
  - d. NCC PID 4150
  - e. Modulation Type QPSK
5. Click on Send Changes to accept the modifications made



## Setting the SR-2000 Pro for the new SCPC Squawk Channel – Front Panel

### Streams

1. Press the X key to wake up the Front Panel
2. Press the down arrow until “Audio Stream 1” appears



3. Press the right arrow to set:
  - a. Multicast Address 229.000.000.043 – Press the Check Button to save



- b. UDP Port 10043 – Press the Check Button to save



- c. Data Rate 64 kbps– Press the Check Button to save



## Carrier

1. Press the X key to wake up the Front Panel
2. Press the down arrow until "Carrier A" appears



3. Press the right arrow to set:
  - a. Frequency to 1432.4 MHz – Press the Check Button to save



- b. Symbol Rate 263.0 ks/s – Press the Check Button to save



- c. Viterbi Rate  $\frac{3}{4}$  – Press the Check Button to save



- d. NCC PID 4150 – Press the Check Button to save



- e. Modulation Type QPSK – Press the Check Button to save



Copy to B to duplicate to second Carrier Definition

