

SQ9GOL

USTAWIENIA
ZAWODY KRÓTKOFALARSKIE
EMISJA: RTTY

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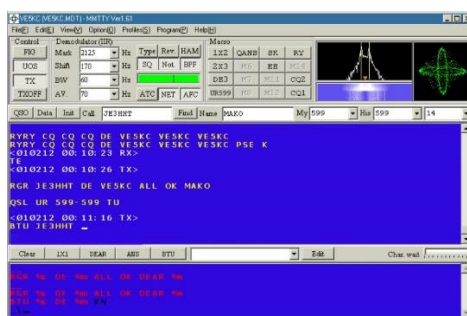
TX: ICOM 7300



LOGGER: N1MM



MMTTY DO RTTY



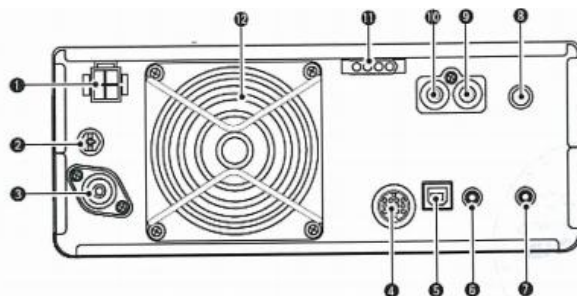
KABEL USB



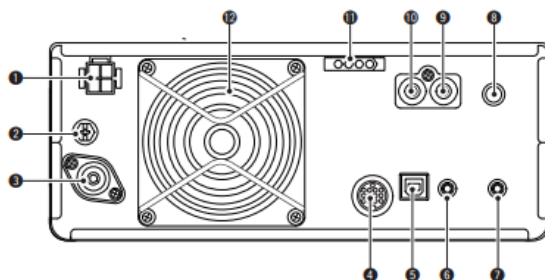
KABEL CAT CT-17 CI-V



PODŁĄCZENIE KABLI



1. **GNAZDO ZASILANIA DC [DC 13.8V]** (str. 2-2)
Do podłączenia kabla zasilania DC 13.8V
2. **UZIEMIENIE [GND]** (str. 2-1)
Do podłączenia uziemienia.
3. **ZŁĄCZE ANTENOWE [ANT]** (str. 2-2)
Do podłączenia 50Ω złącza PL-259.
4. **GNAZDO [ACC]** (str. 2-2)
Do podłączenia do urządzeń kontrolujących modul zewnętrzny lub transceiver.
5. **PORT USB (TYP B) [USB]** (str. 2-2)
Do podłączenia komputera.
6. **WTYK ZDALNEJ KONTROLI CI-V [REMOTE]** (str. 2-2)

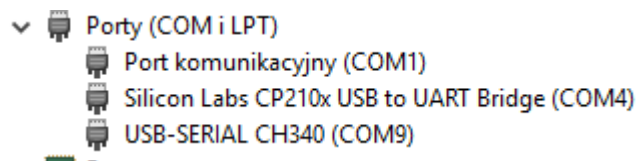


- | | |
|---|---|
| <p>❶ DC POWER SOCKET [DC 13.8 V] (p. 2-2)
Accepts 13.8 V DC through the DC power cable.</p> <p>❷ GROUND TERMINAL [GND] (p. 2-1)
Connects to ground to prevent electrical shocks, TVI, BCI and other problems.</p> <p>❸ ANTENNA CONNECTOR [ANT] (p. 2-2)
Connects to a 50 Ω PL-259 coax connector.</p> <p>❹ SOCKET [ACC] (p. 2-2)
Connects to devices to control an external unit or to control the transceiver.</p> <p>❺ USB PORT (B TYPE) [USB] (p. 2-2)
Connects to a PC.</p> <p>❻ CI-V REMOTE CONTROL JACK [REMOTE] (p. 2-2)
• Connects to a PC or other transceiver for external control.</p> <p>❼ EXTERNAL SPEAKER JACK [EXT-SP] (p. 2-2)
Accepts a 4–8 Ω external speaker.</p> | <p>❸ KEY JACK [KEY] (p. 2-2)
Connects to a straight key, external electronic keyer, or a paddle with 6.35 mm (1/4") stereo plug.</p> <p>❹ SEND CONTROL JACK [SEND] (p. 2-2)
Connects to control transmit with non-Icom external units.</p> <p>❺ ALC INPUT JACK [ALC] (p. 2-2)
Connects to the ALC output jack of a non-Icom linear amplifier.</p> <p>❻ TUNER CONTROL SOCKET [TUNER] (p. 2-2)
Accepts the control cable from an optional AH-4 or AH-740 AUTOMATIC ANTENNA TUNER.</p> <p>❼ COOLING FAN
Cools the PA unit when necessary.</p> |
|---|---|

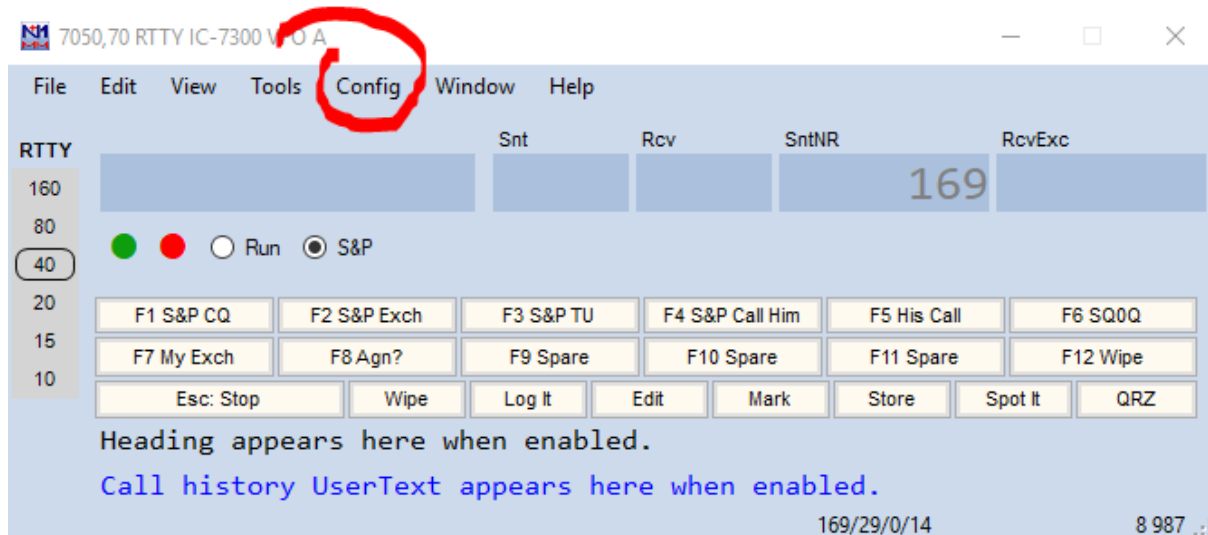
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DO ŁĄCZNOŚCI POMIĘDZY LOGGEREM A RADIEM WYKORZYSTAMY KABEL CAT W MOIM PRZYPADKU TO COM 9

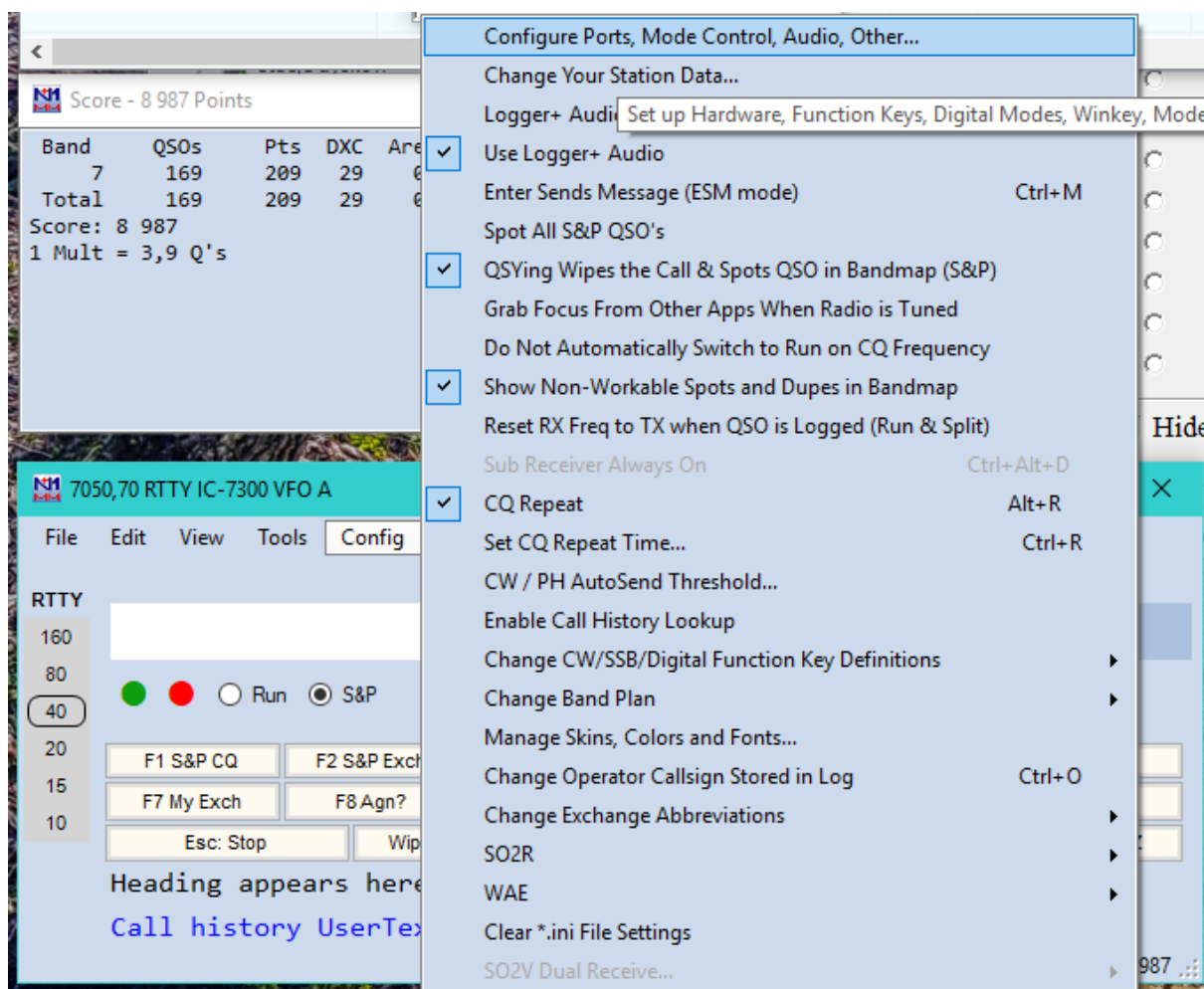
DO OBSŁUGI PROGRAMU MMTTY WYKORZYSTAMY KABEL USB W MOIM PRZYPADKU COM 4



USTAWIENIA LOGERA N1MM



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The screenshot shows the 'MMS Configurer' window with the 'Broadcast Data' tab selected. The window has a teal header and a light blue background. At the top, there are several tabs: Hardware, Function Keys, Digital Modes, Other, Winkey, Mode Control, Antennas, Score Reporting, and Broadcast Data. The 'Broadcast Data' tab is active, displaying a configuration table and radio selection options.

Port	Radio	Digi	CW/Other	Details
None	IC-7300	<input type="checkbox"/>	<input type="checkbox"/>	Set
COM9	IC-7300	<input type="checkbox"/>	<input type="checkbox"/>	Set
None	None	<input type="checkbox"/>	<input type="checkbox"/>	Set
None	None	<input type="checkbox"/>	<input type="checkbox"/>	Set
None	None	<input type="checkbox"/>	<input type="checkbox"/>	Set
None	None	<input type="checkbox"/>	<input type="checkbox"/>	Set
None	None	<input type="checkbox"/>	<input type="checkbox"/>	Set
None	None	<input type="checkbox"/>	<input type="checkbox"/>	Set
LPT1		<input type="checkbox"/>	<input type="checkbox"/>	Set
LPT2		<input type="checkbox"/>	<input type="checkbox"/>	Set
LPT3		<input type="checkbox"/>	<input type="checkbox"/>	Set

Radio Selection: S01V S02V S02R

9600,N,8,1,DTR=CW,RTS=PTT,Tx=1

Buttons: OK, Cancel, Help

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Com9 [X]

Speed	Parity	DataBits	Stop Bits
9600	N	8	1

DTR (pin 4)	RTS (pin 7)	Icom Code (hex)	Radio Nr
CW	PTT	94	1

PTT Delay (msec):

Enable Both Hardware & Software PTT
 PTT via Radio Command SSB Mode
 PTT via Radio Command CW Mode
 Allow ext interrupts PTT via Radio Command Digital Mode

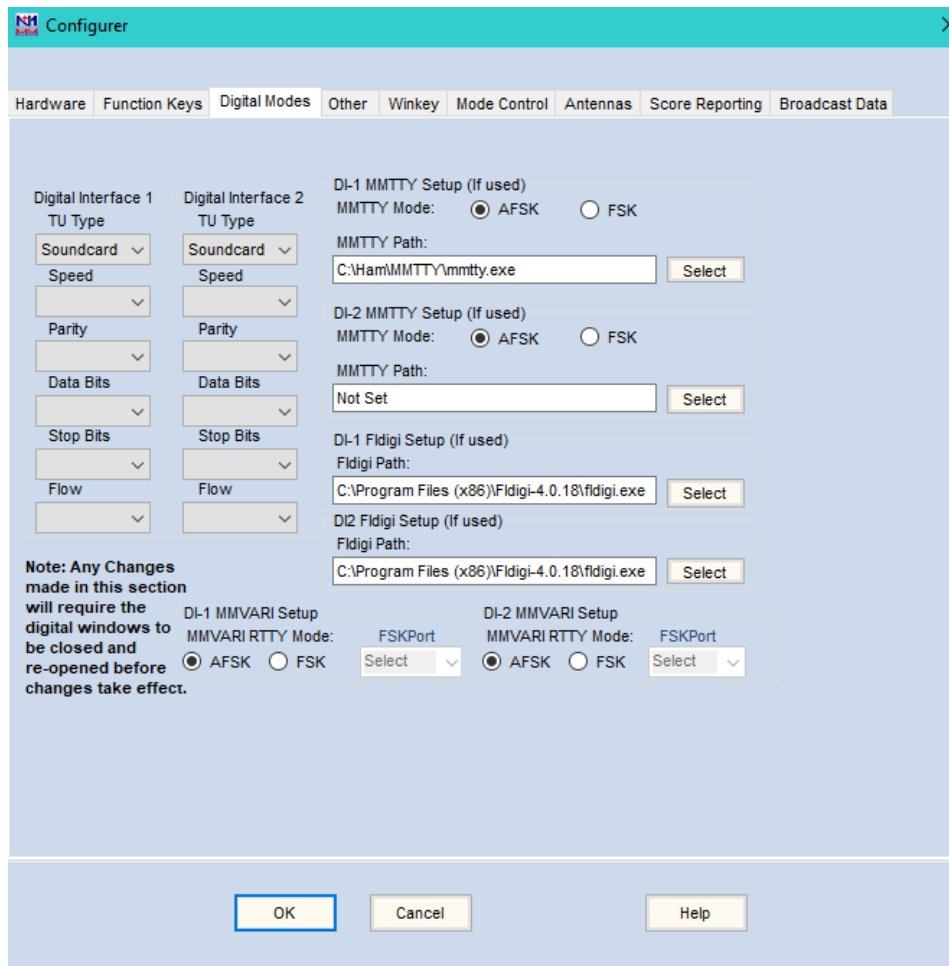
FootSwitch (pin 6):

Radio Polling Rate:

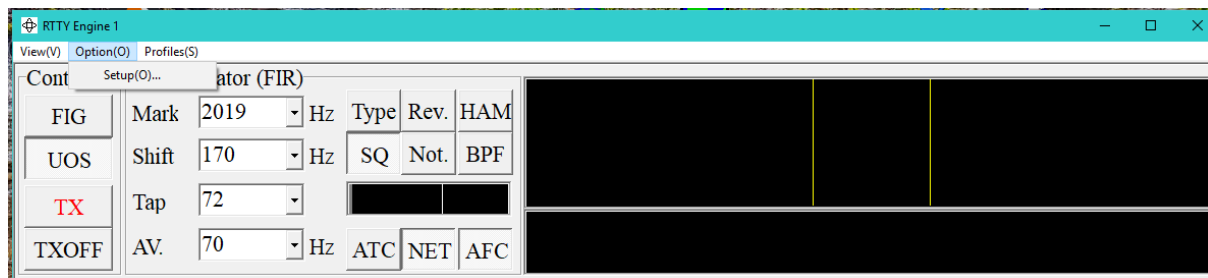
Suggested Icom Settings:
9600 - 19200, N, 8, 1, Always Off, Always Off, Icom Hex Code
DTR RTS should be Always On with a COM port powered interface.
Set the radio to the same speed or auto-baud.
Set the radio CI-V Transceive option to OFF.

Help [OK] Cancel

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Setup Ver1.70K

Demodulator | AFC/ATC/PLL | Decode | TX | Font/Window | Misc | SoundCard

Discriminator

Type

IIR resonator

FIR BPF

PLL

FFT

Mark Hz

Shift Hz

Tap

Show

Limit Amp.

AGC

Over Sampling

Gain

Smooth LPF

FIR av. IIR

Freq Hz

f

Pre-Filter

Show

BPF | LMS/Notch

ON

Tap

FW

AFC Connection

Reverse

Dual Peak Filter f

HAM Default

Fixes 45.45 baud

HAM Set Default(Demodulator) ? OK Cancel

SQ9GOL

Setup Ver1.70K

Demodulator AFC/ATC/PLL Decode TX Font/Window Misc SoundCard

AFC

AFC Time 8

Shift

Free SQ 32

Fixed Sweep 1

HAM

FSK

ATC

ATC Time 4

PLL

VCO Gain 3

LoopLPF (IIR)

Order 2 f

FC 250 Hz

OutputLPF (IIR)

Order 4 f

FC 200 Hz

HAM Set Default(Demodulator) ? OK Cancel

SQ9GOL

Setup Ver1.70K

Demodulator | AFC/ATC/PLL | Decode | TX | Font/Window | Misc | SoundCard

BaudRate: 45

Majority Logic
 Ignore framing error

BitLength: 5bit
 6bit
 7bit
 8bit

StopLength: 1bit
 1.5bit
 2bit
 Rx=1bit, Tx=1.5bit
 Rx=1.42bit, Tx=1.5bit

Parity: NONE 1
 Even 0
 Odd

Default RxStop bit: Rx=1bit, Tx=1.5bit
 Rx=1.42bit, Tx=1.5bit

BAUDOT Codeset: S-BELL J-BELL

HAM Set Default(Demodulator) ? OK Cancel

SQ9GOL

Setup Ver1.70K

Demodulator | AFC/ATC/PLL | Decode | TX | Font/Window | Misc | SoundCard

DIDDLE

NONE
 BLK
 LTR

Random
 WaitTimer

TX

UOS

Double shift

Disable Wait

Disable Rev

Always fix shift

Digital Output

Char. Wait

Diddle Wait

PTT & FSK

Port **EXTFSK64**

Invert Logic

Radio command

TxBPF/TxLPF

Tx BPF Tap **48** f

Tx LPF Freq **100** Hz

HAM Set Default(Demodulator) ? OK Cancel

SQ9GOL

Setup Ver1.70K

Demodulator | AFC/ATC/PLL | Decode | TX | Font/Window | Misc | SoundCard

Sound Card

FIFO
RX 12 TX 4

Priority
 Normal Highest
 Higher Critical

Device Identifiers
RX 0
TX 4

Source
 Mono Right
 Left

Clock
11025 Hz Adj
0.00 Hz
Tx offset

Setup always on top

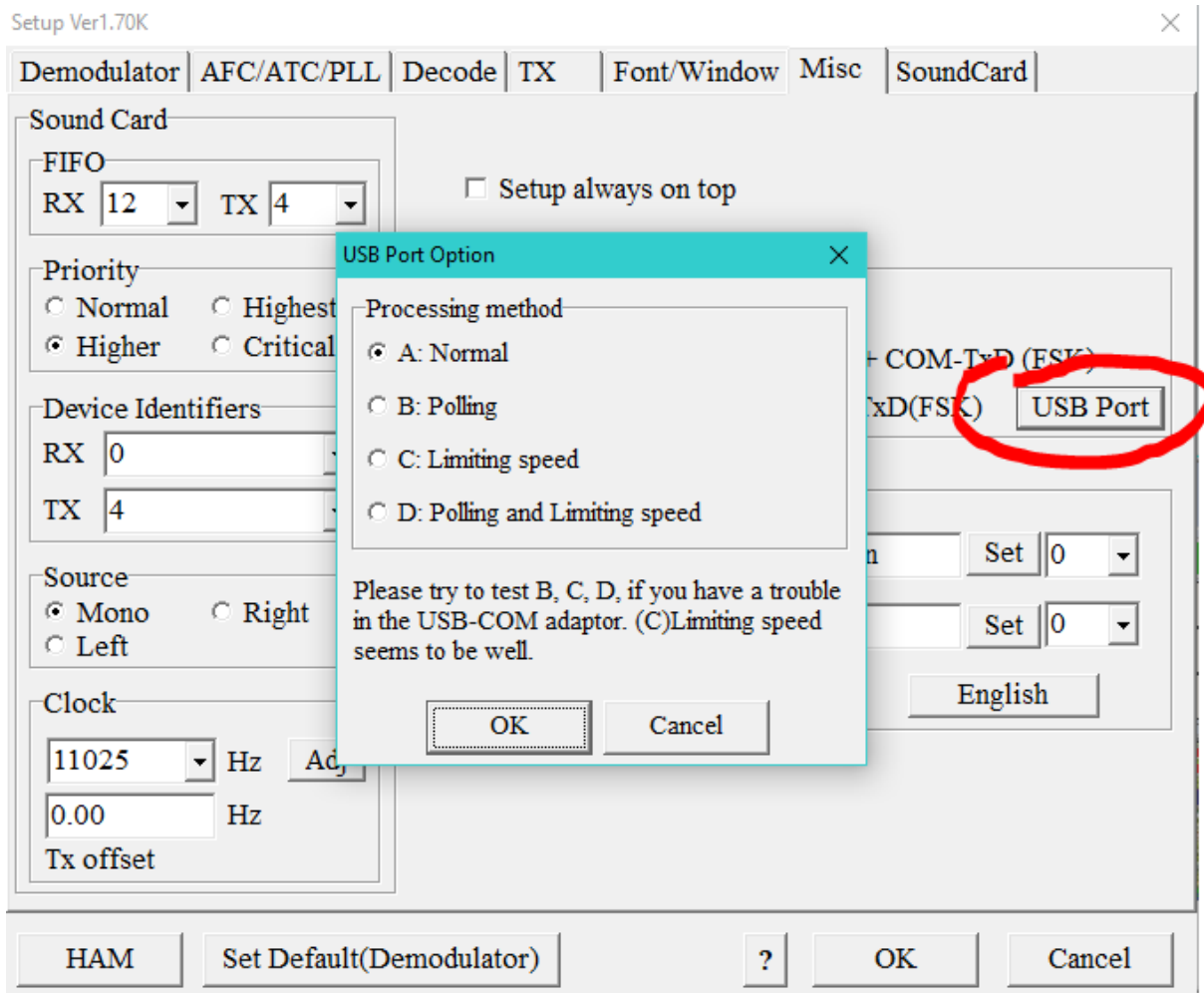
Sound loopback
 OFF
 Int.
 Ext.(SAT)

Tx Port
 Sound
 Sound + COM-TxD (FSK)
 COM-TxD(FSK) USB Port

System Font
Window Times New Roman Set 0
Fixed pitch Courier New Set 0
Japanese English

HAM Set Default(Demodulator) ? OK Cancel

SQ9GOL



SQ9GOL

Setup Ver1.70K

Demodulator | AFC/ATC/PLL | Decode | TX | Font/Window | Misc | SoundCard

Reception

- Mikrofon (3 — USB Audio CODEC)
- CABLE Output (VB-Audio Virtual
-
-
-
-
-
-
-
-
-
-
-
-
-
-

Transmission

- Głośniki (Realtek(R) Audio)
- CABLE Input (VB-Audio Virtual C
- Realtek HD Audio 2nd output (Re
- S24D390 (NVIDIA High Definition
- T27D390 (NVIDIA High Definition
- Realtek Digital Output (Realtek
- Głośniki (3 — USB Audio CODEC)
-
-
-
-
-
-
-
-
-
-

Hide FlexRadio Reserved and IQ Audio Devices

HAM Set Default(Demodulator) ? OK Cancel

EXTFSK 2.0e

Port COM4 Status:OK

FSK output

- TXD
- RTS
- DTR

PTT output

- TXD
- RTS
- DTR

Inv. FSK Inv. PTT 45 baud

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The screenshot displays the RTTY software interface with several windows open:

- Call Log (Top Left):** A table listing received and transmitted calls. The last entry is ED3D at 16:00.
- RTTY Engine 1 (Bottom Left):** A control panel for the RTTY engine. It shows a frequency of 169 and various function keys (F1-F12) for operations like Send, Receive, and Stop.
- Demodulator (FIR) (Bottom Right):** A window for demodulation settings. It includes fields for Mark (2019 Hz), Shift (170 Hz), Tap (72), and AV (70 Hz). It also has buttons for TXOFF, ATC, NET, and AFC.
- RTTY (Top Right):** A window showing the current mode (RTTY) and a status bar with 'Letters/Figs' and 'MouseOver'.