

# **TSS-1 Standard SSTV signal Generator**

## **Slant free from now!**

**The reference SSTV station with the TSS-1.**

### ***Slant***

Many SSTVer use the sound board type of SSTV generator. They have faced a common problem **SLANT!**

The problem is based on the situation how can I confirm my SSTV signal is just adjusted or the other's is incorrect.

### ***MIC interface***

How can I connect my Tranciver with the sound board?

How can I get the PTT signal from the sound board?

The only solution is that you have to make it by your idea.

## **TSS-1 can fix them.**

### ***1) S1/M1 Standard SSTV signal generator***

TSS-1 generates Standard S1/M1 signal based on the highly stabilized TCXO(3.5ppm, -10 ~ 60 ). By feeding them to your sound board, you can correctly adjust your SSTV software on the NO slant.

### ***2) PTT signal.***

You can select PTT signal to VOX type or RS232C type.

TSS-1 would automatically detects SSTV signal from the sound board and set PTT ON ,if you set the switch VOX position.

If you set it RS232C, TSS-1 would set PTT followed by RS232C CTS or DTR signal that are controlled by the SSTV software.

### ***3) MIC interface***

Configurable signal interface between TX/RX and the sound board is implemented in TSS-1. SSTV signal from the sound board is buffered and flowed thought the Transformer to the MIC input without any interference. You can easily connect PC and TX/RX by TSS-1.

### ***4) 5inchs PC/AT slot size***

Size of TSS-1 can be just mounted into 5inches PC/AT slot, and TSS-1 can be fed the power from the standard PC/AT power connector

It is also available to use TSS-1 a standalone for a note type PC.

### **5) *Independent SSTV monitor***

**TSS-1 can automatically monitor following SSTV signal both from the sound board and the receiver. REC picture is displayed on the NTSC monitor. You can always monitor your signal or receiving signal that has NO slant.**

**Robot36,72,AVT90,94,Scottie S1,S2,Martine M1,M2**

### **6) *Measure Slant***

**TSS-1 measures the slant of your SSTV signal(S1 or M1) down from the sound board and display it as LED position so that you can always monitor your SSTV signal is just adjusted or not.**

**TSS-1 detects your signal deference more than 30ppm from the standard signal LED indicates incorrect slant.**

### **7) *Measure Frequency Offset***

**TSS-1 measures the frequency offset of RX SSTV signal caused by SSB miss tuning. This information is displayed in the LED positions.**

