

Re: Sony TC-105 Reel-to-Reel Recorder

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2005-02/0591.html>

From: Asimov (*Asimov_at_-removethis-bbs.juxtaposition.dynip.com*)

Date: 02/05/05

Date: Saturday, 05 Feb 2005 15:26:36 -500

"Buck Frobisher" bravely wrote to "All" (05 Feb 05 10:33:43)
---- on the heady topic of "Re: Sony TC-105 Reel-to-Reel Recorder"

BF> From: "Buck Frobisher" <farside114@hotmail.com>

BF> Xref: aeinews sci.electronics.repair:9526

BF> "WEBPA" <webpa@aol.com> wrote in message

BF> news:20050204200718.21978.00000364@mb-m05.aol.com...

> *Don't think you never will get 4 simultaneous audio channels from a Sony*

> *TC-105*

> *or '105A. They are 4-track, 2 channel machines. In 1/4 inch tape parlance*

> *this*

> *means: 4 linear tracks (with guard bands) consisting of a stereo pair for*

> *each*

> *direction.*

>

> *A hint about the machine's number of tracks is: How many VU meters are on*

> *the*

> *front panel? Two or Four. That's how many tracks it can record and play*

> *at the*

> *same time.*

BF> Dude, it's a MONO machine. ONE VU meter. On each side of the tape

BF> the "track exchange" switch allows you to select which of the

BF> available tracks on that side you can play. Then you flip the tape

BF> over and have the same choice on the other side.

BF> In other words, -no- stereo playback. Or record, for that matter.

BF> --

BF> "Stay strong. Be brave. Wait for the signs."

BF> Regards,

Frank,

I have a small MONO portable German made machine with track switching

sci.electronics.repair: Re: Sony TC-105 Reel-to-Reel Recorder

similar to that. It is a SABA TK125. When it was given the person said it was used by a missionary in Africa, whatever... Anyways, there is only one output tube and only one speaker but it plays back 2 tracks at a time in MONO. There is a switch to select between 1-2 or 3-4.

The only odd thing is the DIN speaker socket has both speaker I and II labeled. BUT it is MONO, no doubt about it. After cleaning all the axles and relay contacts it works nicely now. It is very pre-transistor 50's looking, in modern green plastic not bakelite.

A*s*i*m*o*v

... That was a fascinating period of time for electronics