

Application and information Reference level tape

Caution: listen only to a moderately low audio level – a too high level may cause damage to your sense of hearing!!

This tape is a precise tool and should be treated carefully to maintain the accuracy.
It was recorded on a Studer A80 full-track recorder and tested with high precision.

General tips for handling of tapes:

- Careful handling prolongs life duration of the tape.
- Control first the correct function of tape drive mechanics before applying a test tape (tape tension and wind torque).
- Important: always degauss the tape heads and tape guides before using a tape!
- Store your tapes in played state ("tail out" position), don't reel them back, keep clear of magnetic fields, (transformers, loudspeakers, etc.)
- Use degaussed or unmagnetic tools for working.

This tape has the following recorded tracks:

1. 0 dB reference level 120 sec tape flux as indicated on the reel
2. – 6 dB reference level 120 sec

Preparations:

1. Clean the tape path of your tape recorder, clean the heads, the tape guides, the Capstan shaft and – very important – the pinchroller.
Don't use any force, there's danger of ruining the azimuth!
I use a Q-tip (dipped in spirit) for cleaning the tape path - (it can be bent to reach hidden parts easier)

Wipe resisting sediments using a soft cloth (lightly wetted with spirit).

2. Let the machine warm up. The settings will be more exact.
3. Wind up the reference level tape together with an almost full reel tape when using large reels, (Ø 18 -26,5 cm).

User information:

To achieve highest precision always play this tape "head to tail".
The start of this tape is marked by blue leader tape.

To make the tape path from reel to reel straight without difference in height, put this tape in played position on the right hub and wind it back to the left hub. Now the tape will be in perfect position.