

ABSTRACT

DRUM FOR MAGNETIC TAPE RECORDING
AND REPLAY SYSTEM

The present invention relates to a drum for a magnetic tape recording and replay system including a static drum (3), a rotary shaft (2) fixed to a drive motor (1) and coaxial with the static drum, a rotary drum (5) mounted on the shaft and at least one pair of video replay heads (7) and one pair of audio replay heads (7) which are fixed rigidly to the rotary drum.

It includes a first rotary transformer (6) mounted within the drum and linked either to the video heads or to the audio heads and a second rotary transformer (10) mounted outside the drum on the same axis as the first transformer and linked either to the audio heads or to the video heads.

Application to HiFi video recorder drums, in particular.

FIGURE 1