

INTERNATIONAL STANDARD



2862

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Cinematography — Single-track magnetic sound record on 35 mm motion-picture films — Position and dimensions

Cinématographie — Enregistrement magnétique du son à une seule piste sur films cinématographiques de 35 mm — Emplacement et dimensions

First edition — 1974-11-01

STANDARDSISO.COM : Click to view the full PDF of ISO 2862:1974

To be withdrawn

The system specified is used by only Denmark and Germany, F.R., and Germany, F.R. has its own national standard to which Denmark subscribes.

JPG

ISO Council has decided by a vote of 11 to 0 to accept the proposal for the withdrawal of ISO 2862 (1982-04-01)

UDC 778.534.455 : 771.531.351

Ref. No. ISO 2862-1974 (E)

Descriptors : cinematography, motion-picture film, sound recording, magnetic recording, record tracks, position (location), dimensions.

Price based on 2 pages

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 2862 was drawn up by Technical Committee ISO/TC 36, *Cinematography*, and circulated to the Member Bodies in September 1972.

It has been approved by the Member Bodies of the following countries :

Australia	Germany	South Africa, Rep. of
Austria	India	Spain
Belgium	Italy	Sweden
Canada	Japan	Switzerland
Czechoslovakia	Netherlands	Thailand
Egypt, Arab Rep. of	New Zealand	United Kingdom
France	Romania	U.S.A.

The Member Body of the following country expressed disapproval of the document on technical grounds :

U.S.S.R.

Cinematography — Single-track magnetic sound record on 35 mm motion-picture films — Position and dimensions

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the location and dimensions of the magnetic sound stripe and balance stripe and recording gap of the magnetic head on 35 mm motion-picture film with a single magnetic sound record intended for use at a speed of 24 or 25 frames per second (approximately 45,7 cm/s, 90 ft/min or 47,6 cm/s, 93.8 ft/min).

2 REFERENCES

ISO/R 24, *Emulsion and sound record positions in projector for 35 mm sound motion-picture film*.¹⁾

ISO/R 358, *Cinematography — Maximum aspect ratio of projector aperture for projection of 35 mm non-anamorphic motion-picture films*.

ISO 2907, *Cinematography — 35 mm motion-picture film — Projectable image area*.

3 SPECIFICATIONS

3.1 Locations and dimensions

The locations and dimensions of the magnetic sound stripe

and of the recording gap of the magnetic head shall be as referred to in the figure and given in the table.

3.2 Placement of stripes

With the direction of film travel shown in the figure, and the position of the picture corresponding to that of the normal picture positive, the magnetic sound stripe and the balance stripe shall be on the side of the film away from the lamp of a projector arranged for direct projection on a reflection-type screen.

3.3 Picture/sound separation

The sound record shall be separated on the film from the centre of the corresponding picture by $28 \pm 1/2$ frame in such a direction that, in normal film motion, the picture first passes a given reference point and then the corresponding sound passes at a later time.

3.4 Alignment of head

The effective gap in the recording head shall be at an angle of $90^\circ \pm 5'$ to the direction of film travel.

1) Under revision.