

**85.21 - Video recording or reproducing apparatus, whether or not incorporating a video tuner.**

8521.10 - Magnetic tape-type

8521.90 - Other

**(A) RECORDING AND COMBINED RECORDING  
AND REPRODUCING APPARATUS**

These are apparatus which, when connected to a television camera or a television receiver, record on media electric impulses (analogue signals) or analogue signals converted into digital code (or a combination of these) which correspond to the images and sound captured by a television camera or received by a television receiver. Generally the images and sound are recorded on the same media. The method of recording can be by magnetic or optical means and the recording media is usually tapes or discs.

The heading also includes apparatus which record, generally on a magnetic disc, digital code representing video images and sound, by transferring the digital code from an automatic data processing machine (e.g., digital video recorders).

In magnetic recording on tape the images and sound are recorded on different tracks on the tape whereas in magnetic recording on disc the images and sound are recorded as magnetic patterns or spots in spiral tracks on the surface of the disc.

In optical recording, digital data representing the images and sound are encoded by a laser onto a disc.

Video recording apparatus which receive signals from a television receiver also incorporate a tuner which enables selection of the desired signal (or channel) from the frequency band of signals transmitted by the television transmitting station.

When used for reproduction, the apparatus convert the recording into video signals. These signals are passed on either to a transmitting station or to a television receiver.

**(B) REPRODUCING APPARATUS**

These apparatus are designed only to reproduce images and sound directly on a television receiver. The media to be used in these instruments are prerecorded mechanically, magnetically or optically on special recording equipment. The following are examples of such apparatus :

- (1) Apparatus using discs in which the image and sound data are stored on the disc by various methods and picked up by a laser optical reading system, capacitive sensor, pressure sensor or magnetic head. Subject to Note 3 to Section XVI, apparatus which are capable of reproducing both video and audio recordings are to be classified in this heading.
- (2) Apparatus that decodes and converts into a video signal image data recorded on a light sensitive film (the sound being recorded by a magnetic process on the same film).

85.21

## PARTS AND ACCESSORIES

Subject to the general provisions regarding the classification of parts (see the General Explanatory Note to Section XVI), parts and accessories of the apparatus of this heading are classified in heading 85.22.

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The heading excludes :

- (a) The recording media of heading 85.23.
- (b) Video cameras (heading 85.25).
- (c) Reception apparatus for television (whether or not incorporating radio-broadcast receivers or sound or video recording or reproducing apparatus) and video monitors and video projectors (heading 85.28).