



INTERNATIONAL TELECOMMUNICATION UNION

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

## G.737

**GENERAL ASPECTS OF DIGITAL TRANSMISSION  
SYSTEMS**

**TERMINAL EQUIPMENTS**

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**CHARACTERISTICS OF AN EXTERNAL  
ACCESS EQUIPMENT OPERATING AT  
2048 kbit/s OFFERING SYNCHRONOUS  
DIGITAL ACCESS AT 384 kbit/s AND/OR  
64 kbit/s**

**ITU-T Recommendation G.737**

(Extract from the *Blue Book*)

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## NOTES

1 ITU-T Recommendation G.737 was published in Fascicle III.4 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

2 In this Recommendation, the expression “Administration” is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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## Recommendation G.737

### CHARACTERISTICS OF AN EXTERNAL ACCESS EQUIPMENT OPERATING AT 2048 kbit/s OFFERING SYNCHRONOUS DIGITAL ACCESS AT 384 kbit/s AND/OR 64 kbit/s

(former Recommendation G.739 of Volume III of the Yellow Book)

This Recommendation gives the characteristics of equipment (external to PCM muldexes) operating at 2048 kbit/s and providing one or several of the following tributaries into/from channel time slots of a 2048 kbit/s composite signal:

- bidirectional synchronous 64 kbit/s access (Figure 1 a/G.737);
- unidirectional synchronous 384 kbit/s access (Figure 1 b/G.737).

The 384 kbit/s channel is based on the allocation of 6 x 64 kbit/s time slots, e.g. for setting up sound-programme circuits according to Recommendations J.41 and J.42. Because these circuits are specified as unidirectional the equipment for insertion/extraction has to be separated as shown in Figure 1 b/G.737.

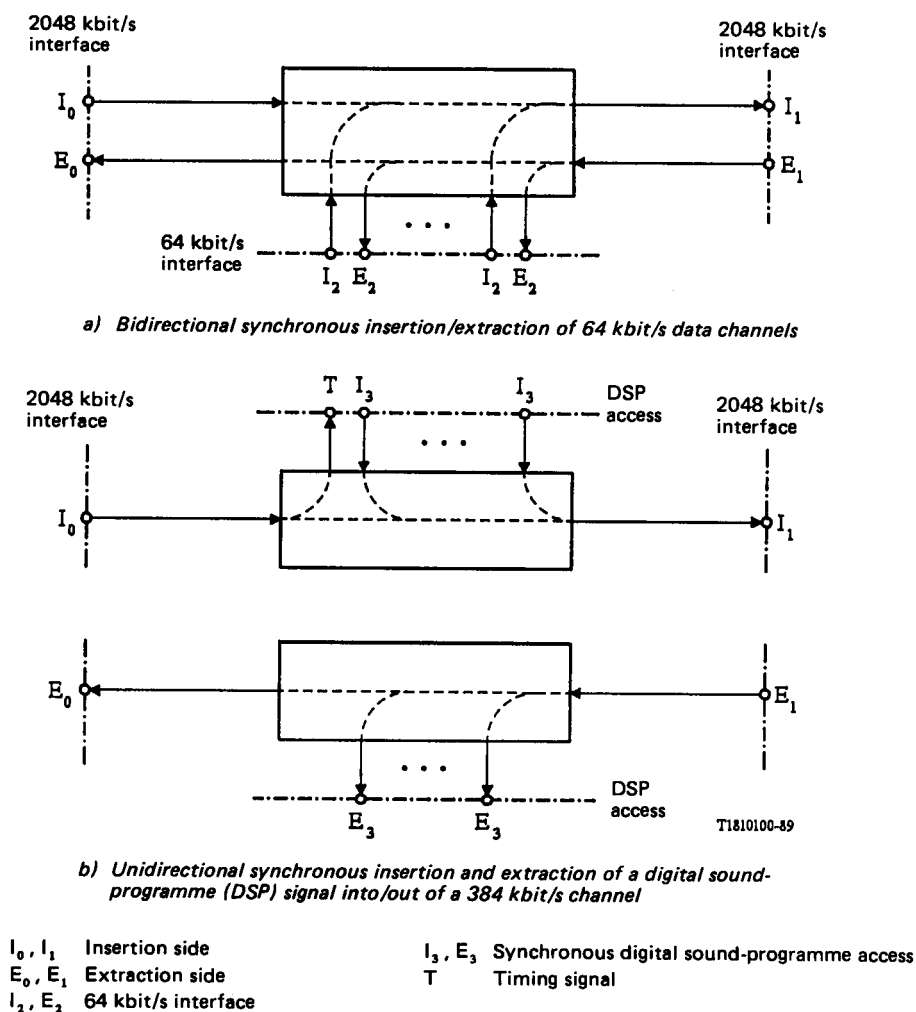


FIGURE 1/G.737

External access equipment for 64 and 384 kbit/s channels