

# JT-G726

## 40, 32, 24, 16kbit/s adaptive differential pulse code modulation (ADPCM)

<References>

### 1. Relation with the international standards

This standard is based on the ITU-T Recommendation G.726 (1996). This standard is newly established, the reason why TTC Standard JT-G721 referred to G.721 was taken out that ITU-T Recommendation G.721 was taken out and integrated to G.726. This standard Annex A is based on the ITU-T Recommendation G.726 Annex A which was published in November 1994. This standard Annex B is based on the ITU-T Recommendation G.726 Annex B which was approved at the ITU-T in July 2003.

By the way the ITU-T Recommendation G.726 completely replaces the text of the Recommendations G.721 and G.723 published in Volume III.4 of the ITU-T Blue Book. It should be noted that systems designed in accordance with the present Recommendation (G.726) will be compatible with the system designed in accordance with the version of the ITU-T Blue Book (G.721 and G.723).

### 2. Departures from the above international recommendation

#### 2.1 Optional items

None

#### 2.2 National matter items

None

#### 2.3 Others

(1) In this standard, the following item added to the ITU-T Recommendation.

- (a) Annex 3, the detail block diagram related to coder and decoder

The reason why the above items added is that it is clarified the contents of the standardization and assisted to understand this standard.

(2) In this standard, the following item removed from the ITU-T Recommendation.

- (a) items related to A-law PCM coding method

The reason why the above items deleted is that  $\mu$ -law is adopted as the coding method in Japan.

#### 2.4 Differences from the ITU-T Recommendation in the framing of the contents

The differences from the ITU-T Recommendation in the framing of the contents are shows below.

TTC standard	ITU-T Recommendation	Notes
main body	main body	
Annex A and B	Annex A and B	
Appendix 1 and 2	Appendix I and II	
Appendix 3 ~ 5	-----	

### 3. History of revised versions

Version	Date	Outline
Version-1	Nov. 28, 1995	Enactment (Disused JT-G721 and integrated)
Version-1.1	Sep. 18, 2003	Modification for the corrigendum
Version-2	Apr. 20, 2004	Addition of Annex B

### 4. Others

#### (1) References

TTC standards: JT-G711, JT-T4

ITU-T recommendations: G.113, G.701, G.761, G.763, R.35, T.3