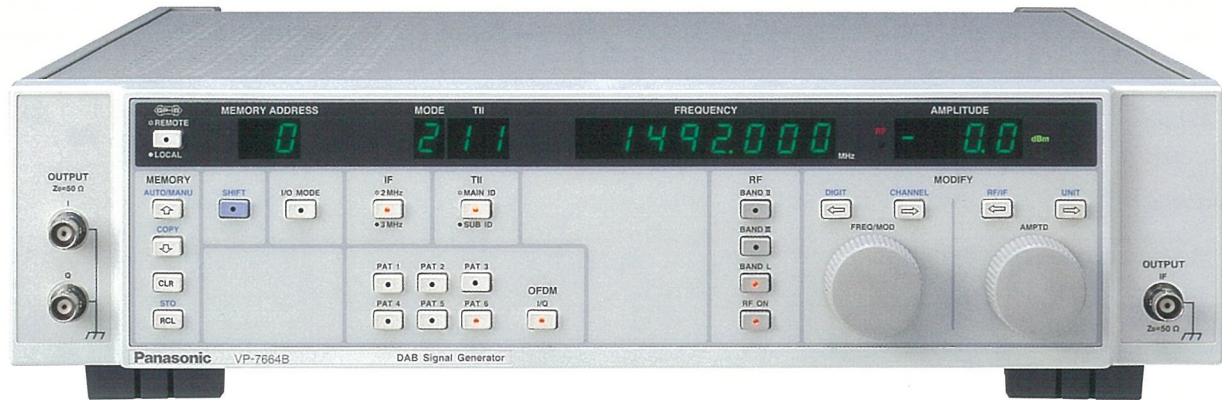


DAB信号発生器

DAB Signal Generator

VP-7664B **GP-IB** C E

欧州DAB規格 (ETS-300-401、Eureka 147) 準拠
Based on the DAB Standard (ETS-300-401, Eureka 147) in Europe



特徴

- I/Q変調出力、IF出力、RF出力を標準装備
- BAND II、BAND III、BAND Lをカバー
- RF出力レベル: -110 dBm ~ 0 dBm
- 6パターンのDAB信号を内蔵メモリに記憶
- 12 s~96 sの長時間データの繰り返し送信機能
- 正弦波テーブルデータの選択でMSCデータを設定
- テキスト形式のFIBファイルを読み込み可能

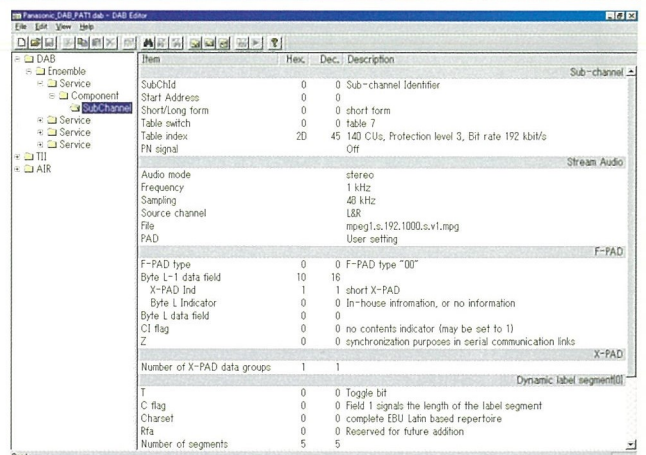
FEATURES

- I/Q Modulation, IF and RF outputs are equipped
- BAND II, BAND III and BAND L are covered
- RF output level : -110 dBm to 0 dBm
- 6 patterns of DAB data can be memorized
- Long time data (12 s to 96 s) repetitive transmitting function
- MSC Data can be set by selecting the sine wave table data.
- FIB file (Text format) can be loaded.

DAB Data Editor

Windowsでの容易なDABデータの作成を支援します。
Simple programming of DAB data on Windows.

OS :Windows 98, NT4.0, 2000 professional,
XP professional.



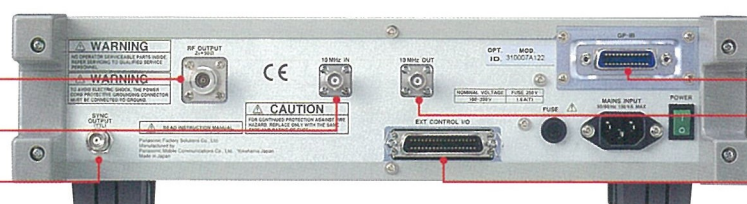
※Windowsはマイクロソフト社の登録商標です。
*Windows is a registered trademark of Microsoft Corporation.

背面パネル/Rear Panel

RF OUTPUT

10MHz INPUT

SYNC OUTPUT



GP-IB

10MHz OUTPUT

EXT I/O

◆I/Q output signal

Basic system	: ETS 300 401, Eureka 147
Carrier output	: 400 mV [P-P] ±10 mV [P-P]
Frequency accuracy	: ±1 ppm (Basic clock)
Spurious	: ≤-30 dBc (0.97 MHz ≤ f < 1.3 MHz) ≤-50 dBc (1.3 MHz ≤ f < 2.5 MHz) ≤-30 dBc (f ≥ 2.5 MHz)
DC offset	: ±5 mV
Modulation accuracy	: ±2 % [rms]
Output impedance	: 50 Ω ±10 %
Output connector	: BNC

◆IF Output

Frequency	: 2.048 MHz / 3.072 MHz
Output level	: -20 dBm to -10 dBm / 0.1 dB
Output level accuracy	: ±1 dB
Output impedance	: 50 Ω ±10 %
Spurious	: ≤-30 dBc (Offset ≤ 2.5 MHz)
Adjacent spurious	: ≤-30 dBc (Offset ≤ ±0.97 MHz) ≤-50 dBc (Offset ≤ ±1.3 MHz)
Output connector	: BNC

◆RF output

Frequency	
BAND II	: 85.000 MHz to 110.000 MHz
BAND III	: 170.000 MHz to 250.000 MHz
BAND L	: 1452.000 MHz to 1492.000 MHz
Resolution	: 1 kHz
Frequency accuracy	: Same as reference oscillator
Internal reference oscillator	: ±1 ppm (Temperature effect) ±1 ppm / year (Aging rate)
Spurious	: ≤-50 dBc (Non harmonics in each band) ≤-30 dBc (Harmonics in other band)
Adjacent spurious	: ≤-30 dBc (Offset ≤ ±0.97 MHz) ≤-50 dBc (Offset ≤ ±1.3 MHz)
VSWR	: ≤ 1.5 (At output level of ≤ -15 dBm)
Output level	: -110 dBm to 0 dBm / 0.1 dB
Output level accuracy	: ±1.5 dB (BAND II/III) ±2 dB (BAND L)
Output impedance	: 50 Ω
Output connector	: N

◆Frame Sync. output

Synchronizing	: Synchronizing to NULL symbol
Reference signal	: I / Q, IF or RF is chosen
Output level	: TTL

◆RF EXT reference

10 MHz output	: ≥ 0.55 V [P-P]
10 MHz input	: ≥ 0.5 V [P-P]

◆DAB data

Data building means	: The data is created on personal computer with the DAB Data Editor program and transferred to the VP-7664B through the GP-IB interface.
Number of pattern	: 6
Pattern length	: 12 s × N (Max. N=8)
Total data	: 12 s × 9
Applicable mode	: Mode I / II / III / IV
Contents of data	
MCI data	: A free setup is possible
Audio data	: Sine wave (MPEG data table, a half rate is included.)
Re-configuration	: Test function of operation
Announcements	: Test function of operation
Service information	: Free edit is possible
F-PAD	: Static transmission is possible
PN	: Transmission is possible

◆Preset memory

Number of memory	: 100
Functions	: Direct recall, Sequential recall, Group separation, Auto sequence

◆GP-IB interface

Interface condition	: In compliance IEEE-488.2
Interface function	: SH1, AH1, T7, L3, SR1, RL0, PP0, DC1, DT0, CO
Application	: Memory copy, Memory sync.

◆EXT I/O interface

Description	: Control output
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◆Power requirement

Voltage	: AC 100 V to 230 V
Frequency	: 50 Hz / 60 Hz
Power consumption	: ≤ 150 VA

- 本カタログ掲載の仕様、デザイン等は性能改善のため予告なく変更させていただくことがあります。
Specifications are subject to change without notice for product improvement.

- パナソニック電子計測器および計測システム機器は、開発・生産・販売・サービス体制の全分野で、国際品質保証規格 ISO 9001の品質認証を取得しています。

Electronic Measurements Division has established and complied a quality system of ISO 9001 compliance at every step of the production process, from design through to manufacturing sales and service. Electronic measuring instruments and systems are manufactured and sold under that certification.



⚠ 安全に関するご注意

- ご使用の際は、取扱説明書をよくお読みの上 正しくお使いください。

- 国際環境マネジメントシステムの国際規格 ISO 14001を認証取得しています。

Our company has established and complied an international environmental management system of ISO 14001 compliance.



設備の先取り 確かな経営 松下リース

お求めには手軽なリースをご利用ください。

- お問い合わせは……

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このカタログの記載内容は
2003年4月現在のものであります。

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