

6308B

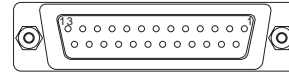
BS DIGITAL FRONT-END DECODER

Digital TV development & production facilities



• Output Specifications

Dsub-25 (Female) Interface : 1 route
: Conforming to DVB parallel specifications LVDS (Conforming to TIA/EIA-644)
PARALLEL OUT (LVDS)



Pin Connection List

Pin No.	Signal Name	Pin No.	Signal Name
1	CLOCK A	14	CLOCK B
2	SYSTEM GND	15	SYSTEM GND
3	DATA7 A	16	DATA7 B
4	DATA6 A	17	DATA6 B
5	DATA5 A	18	DATA5 B
6	DATA4 A	19	DATA4 B
7	DATA3 A	20	DATA3 B
8	DATA2 A	21	DATA2 B
9	DATA1 A	22	DATA1 B
10	DATA0 A	23	DATA0 B
11	DATA VALID A	24	DATA VALID B
12	PSYNC A	25	PSYNC B
13	CABLE SHIELD		

General

This unit is front-end demodulator device for BS digital broadcasting. By input of IF (1GHz band) modulated signal of BS digital broadcasting, demodulation up to transport stream is made. Output transport stream is the unit of 1 transmission channel selected. Receiving condition can be set easily by key switch on front panel. By combining with Eiden's 1701A TS DATA GENERATOR and 3315B BS/CS DIGITAL SIGNAL GENERATOR, configuration of record and reproduction system of stream, re-modulation system and etc. is possible.

Composition

Main Unit 1
Dimensions	425(W) × 99(H) × 480(D) mm (Excluding projections)
Weight	Approx. 6 kg
Accessories	
Power Cable (Including 3pin 2pin converter) 1
Rack Mount Adapter 1set
Instruction Manual and Test Result Sheet 1
Power Source	
Input Voltage Allowable Range	: AC90V ~ AC132V (50Hz/60Hz) AC180V ~ AC250V (50Hz/60Hz)
Power Consumption	: Approx. 16VA
Operating Environment	
Temperature	: +5 ~ +40
Humidity	: 45% ~ 85%RH (No dew generation)

Rating

• Input BS-IF

Input Connector : F type (Female) 75 : 6308B-001
BNC type (Female) 50 : 6308B-002
Selection of input connector is possible by above model name.
Receiving Frequency : BS-1CH, 3CH, 5CH, 7CH, 9CH, 11CH, 13CH, 15CH (Selection)
Input Level : -45dBm ± 20dBm

• Output

Parallel (8 bits) Transport Stream
Output Connector : Dsub-25pin (Female)
Output Level : LVDS

• Setting Function

Receiving Channel Setting
Selection : BS-1CH, 3CH, 5CH, 7CH, 9CH, 11CH, 13CH, 15CH
Selecting method can be chosen either by channel selection mode or channel frequency input mode.
LNB Power Supply Setting (Only 6308B-001)
Selection : ON/OFF
Output TS Format Setting (In unit of transmission channel)
Selection : ALL TS (with TMCC)
ALL TS (without TMCC)
Selected TS (According to specified TS-ID)
TS-ID Setting (At the time of selected TS)
Selection : Selected from acquired TS-ID
In selected TS setting, TS-ID in receiving channel is acquired automatically.
Caution : Acquisition of EPG from output stream is possible for all channels, but moving of transmission channel is impossible.
Receiving stream is the unit of 1 transmission channel.

Output Timing

