

MULTI-SYSTEM ANALOG TV MODULATOR 3116B

General

This unit is multi-system analog TV modulator which can output analog TV standard signal of each country in the world with all channel.

This unit equips generation part of various kinds of video signal, teletext signal and sound multiplex signal, so that test for analog TV of each country standard in the world is possible by only this unit.

For video output, output terminals of analog RGB signal output (Mini D-sub 15pins) and of digital video signal output (DVI-I) are equipped, so that this unit is most suitable for receivers, such as TV and etc. which equip these input terminals.

Also, this unit is configured with video modulation part having VSB characteristics, so that this unit can be used for test of adjacent channel interference between analog TV signal and digital TV signal.



Dimensions : 350(W) X132(H) X420(D) mm (Excluding projections)

Weight : Approx.9Kg Power Consumption: Approx.80VA

Features

Corresponding to TV system / Color system in the world

NTSC-M (Japan, U.S.A. and etc.)
 PAL-I (U.K. and etc.), -B/G (Germany and etc.), -D (Poland and etc.), -M (Brazil and etc.), -N (Argentine and etc.),
 PAL-B (AUS) (Australia), PAL-D (CHINA) (China), SECAM-B/G (Saudi Arabia and etc.), -D/K & K1 (Russia,
 Czech and etc.) -L (France and etc.) NTSC-4.43 B/G, -4.43 D/K, -4.43I.

This unit has VSB characteristics suited for adjacent channel interference test between analog TV signal and digital TV signal.

Built-in Video Signal. (14 items, 45 kinds excluding VITS ON/OFF•Option)

COLOR BAR, CROSS HATCH, CIRCLE CROSS, MULTI BURST, MOD STAIRSTEP, WHITE, BLACK & WHITE,
 MOD RAMP, PURITY, AFTER IMAGE (MOVING WINDOW), MONOSCOPE, DIGITAL COLOR PATTERN, DEM PATTERN.

Built-in Sound Multiplex Signal.

Japan system, BTSC (U.S.A) system, NICAM system (B/G, I, D-CHINA, FRANCE), A2 system

10Hz~150KHz of signal in 10Hz step is built-in, Low distortion is realized. By designating start/stop frequency, log (Logarithm) sweep function is realized.

Modulation by external video and audio is possible.

Audio modulation function is enhanced, (AM and FM simultaneous modulation)

Regardless of TV system, audio modulation can be modulated by combining (or simultaneous) with AM and FM freely.

Built-in Digital Service (TELETEXT and etc.)

TELETEXT System B (TOP, FLOF, VPT, PSF), VPS, WSS, Closed Caption (CC, TEXT, XDS, V-chip)

Selection of Picture Format

VGA, SVGA, XGA, SXGA ※Not corresponded to control data of DVI

Video signal generating part, sound (multiplexing) signal generating part, teletext signal multiplex generating part, video / audio modulating part and RF output part are put in small space.

RF output frequency is 30MHz~900MHz and VHF/UHF/CATV channels in the world are corresponded.

Abundant External Signal Output.

Composite Signal Output, RGB Signal Output, Y, Pb, Pr Output, S-VIDEO Signal Output, Composite sync. Signal Output,
 HD & VD output, VGA Signal Output, Digital Video Signal Output
 ※SCART connector (Europe system) is equipped as the standard.

Remote interface is equipped

Standard model (3116B-001): GP-IB (IEEE-488.2), RS-232C/Option model(3116B-002): LAN

“Change to rear RF output”, addition of video signal designated by customer and interface “Adding LAN” are possible as an option.