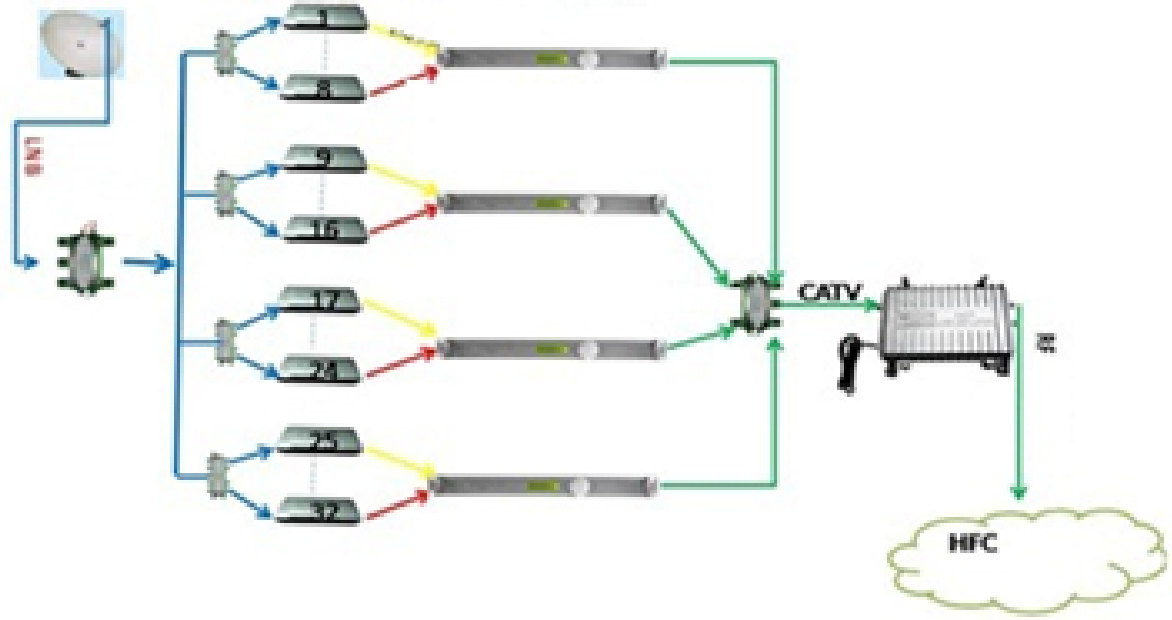
FICHA TÉCNICA

DV-16MA

Product introduction

Specifications:

M16 is a 16 modular frequency agile modulator. It will be up to 16 audio and video signals into a road with 16 TV channels RF signals. The product is widely used in hotels, hospitals, schools, electronic teaching, factories, security monitoring, VOD video on demand and other places of entertainment, especially for digital TV analog conversion, and centralized monitoring system



Product Features

- Stable and reliable
- M16 of each channel is completely independent, channel configuration flexibility
- Image high frequency and RF local oscillator MCU technique are used, frequency stability and high accuracy
- The function of each integrated circuit chips are used, the whole high reliability
- High-quality power supply, 7x24 hour stability

Specification

Frequency	47～862MHz
Output Level	≥100dB μ V
Output Level Adj. Range	0～-20dB （Adjustable）
A/V Ratio	-10dB～-30dB (Adjustable)
Output Impedance	75 Ω
Spurious Output	≥60dB
Frequency Accuracy	≤±10KHz
Output Return Loss	≥12dB（VHF）； ≥10dB（UHF）
Video Input Level	1.0Vp-p（87.5% Modulation）
Input Impedance	75 Ω
Differential Gain	≤5%（87.5% Modulation）
Differential Phase	≤5° （87.5% Modulation）
Group Delay	≤45 ns
Visual Flatness	±1dB
Depth Adjust	0～90%
Video S/N	≥55dB
Audio Input Level	1Vp-p（±50KHz）
Audio Input Impedance	600 Ω
Audio S/N	≥57dB
Audio Pre- emphasis	50 μ s
Rack	19 Inch standard

Operating Instructions

The front panel

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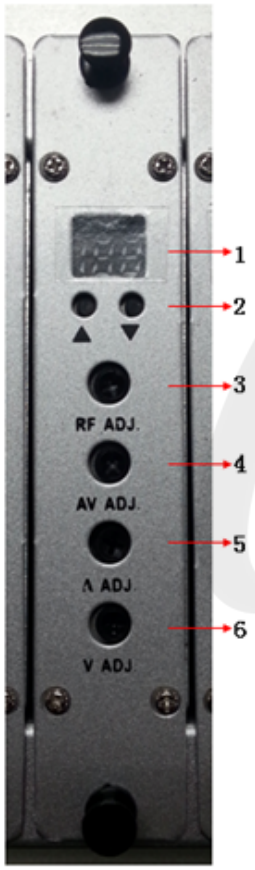
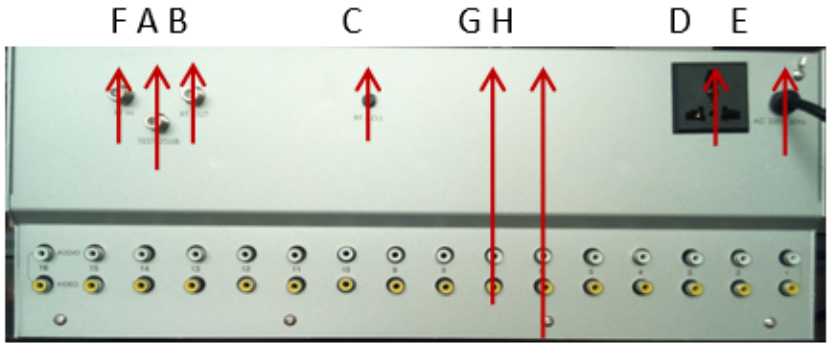


1. Channel Display---Of three figures show the corresponding channel information see attached 1 "BG Channel List"
2. Channel adjustment---Left and right buttons can be adjusted up and down channel
3. RF output level adjustment---Knob, adjustable RF output level
4. AV ratio adjustment---Knob adjusts the output of the A / V ratio
5. volume adjustment---Knob to adjust the output volume size
6. brightness adjustment---Knob to adjust the brightness of the output image

Rear Panel



A. Output test port
Video output test port, -20dB;
B. RF output
Multiplexer module modulated, after mixing the RF output;
C. RF output regulation
Knob, adjustable RF output level;

D. Power cascade output
Superposition of multiple modulators, you can cascade output therefrom to other power modulator to reduce power outlet occupation; careful not to cascade more than 5 to avoid excessive current.
E. Power Input
Power Input: AC 220V 50Hz;
F. RF input
G. audio input
H. Video Input
Each module video input.
Note: After installation of the modulator to be more than 10 minutes on the electric machine and then adjust the parameters!

Attachment Cannel List

Channel	show value	Channel	show value	Channel	show value	Channel	show value	Channel	show value
E2	02	E12	12	S35	135	39	39	64	64
E3	03	S11	111	S36	136	40	40	65	65
E4	04	S12	112	S37	137	41	41	66	66
X	H	S13	113	S38	138	42	42	67	67
Y	Y	S14	114	S39	139	43	43	68	68
Z	2	S15	115	S40	140	44	44	69	69
Z1	- | 1	S16	116	S41	141	45	45		
Z2	- | 2	S17	117	21	21	46	46		
S1	101	S18	118	22	22	47	47		
S2	102	S19	119	23	23	48	48		
S3	103	S20	120	24	24	49	49		
S4	104	S21	121	25	25	50	50		
S5	105	S22	122	26	26	51	51		
S6	106	S23	123	27	27	52	52		
S7	107	S24	124	28	28	53	53		
S8	108	S25	125	29	29	54	54		
S9	109	S26	126	30	30	55	55		
S10	110	S27	127	31	31	56	56		
E5	05	S28	128	32	32	57	57		
E6	06	S29	129	33	33	58	58		
E7	07	S30	130	34	34	59	59		
E8	08	S31	131	35	35	60	60		
E9	09	S32	132	36	36	61	61		
E10	10	S33	133	37	37	62	62		
E11	11	S34	134	38	38	63	63		