

OPERATION MANUAL

CDN-100P/PLUS Multisystem Digital Converter

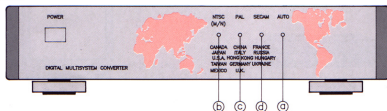


Features

- Input auto detecting.
- Digital conversion from input TV signals of NTSC, PAL or SECAM to output signals of NTSC or PAL.
- Digital line (525→625 lines) and field (60→50 fields) conversion.
- 2M bit field memory.
- Built in time base correction(T.B.C.)function for signal synchronization.
- Built in automatic gain control(A.G.C.)function ensures 1 Vpp output signal(input level can range from 0.5 Vpp to 2 Vpp).

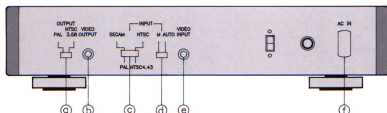
Operation Controls and Functions

Front panel



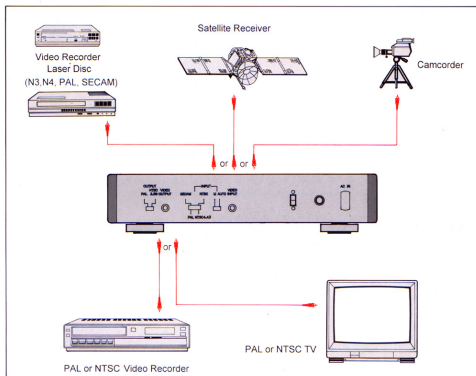
- AUTO INDICATOR:** The indicator will light when in auto-detecting mode.
- NTSC INDICATOR:** The indicator will light when input signal is NTSC 3.58 or NTSC 4.43.
- PAL INDICATOR :** The indicator will light when input signal is PAL.
- SECAM INDICATOR:** The indicator will light when input signal is SECAM.

Real Panel



- OUTPUT SYSTEM SELECT SWITCH:**
Set the switch to the output of your wish, PAL or NTSC 3.58.
- VIDEO OUTPUT.**
- INPUT SYSTEM SELECT SWITCH:**
When in M mode, set the switch to match the actual input signal type.
(PAL, SECAM, NTSC 3.58, NTSC 4.43)
- INPUT SIGNAL DETECTING MODE SWITCH:**
Auto represents automatic detecting mode.
M represents manual detecting mode.
- VIDEO INPUT.**
- AC CORD.**

Connection and Installation



Specifications

SPECIFICATIONS	MODEL	CDN-100P/PLUS MULTISYSTEM CONVERTER
INPUT TV SYSTEMS		PAL, NTSC 3.58, NTSC 4.43, SECAM
OUTPUT TV SYSTEMS		NTSC 3.58, PAL
CONNECTION TERMINAL		VIDEO INPUT : 1 VIDEO OUTPUT : 1
SAMPLING FREQUENCY		Y : 14.318 MHz R-Y: 7.159 MHz B-Y: 7.159 MHz
DIGITAL CORD BIT		Y : 8 BITS R-Y: 8 BITS B-Y: 8 BITS
LINE CONVERSION		625 \rightleftharpoons 525 LINES
FIELD CONVERSION		50 \rightleftharpoons 60 FIELDS
AC VOLTAGE SELECT		AC 120/240 V
DIMENSIONS		W (360)mm X H (85)mm X D (250) mm
WEIGHT		3 Kgs