

CU108 Control Unit

Installation Manual

2020.02.12 Ver.01

For any issues regarding its use, please contact customer service representatives



SERVICE

1 Product appearance



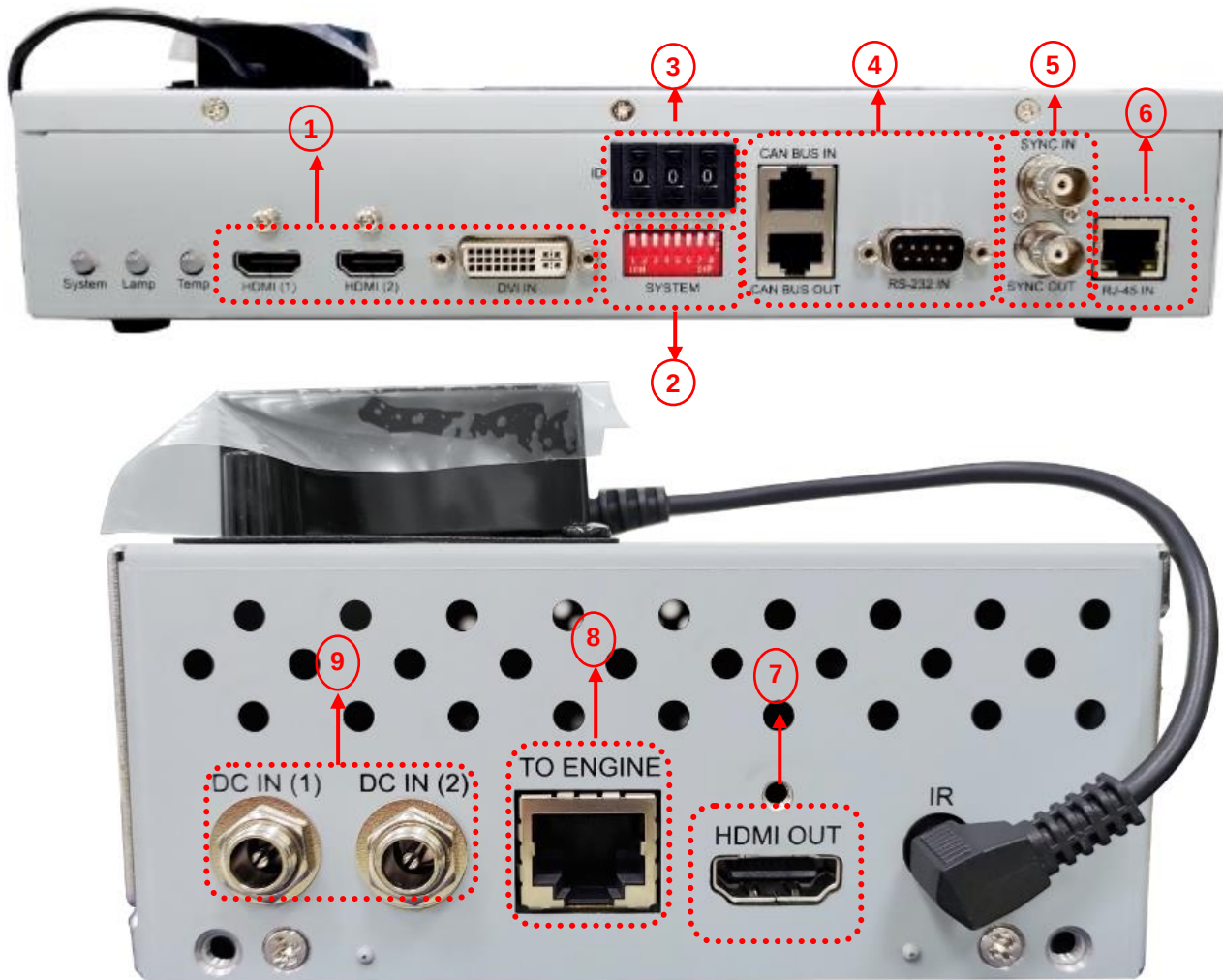
2 Compatible products or accessories:

The optical engine that can be used with this control box is: LE-U32/LE-U22/ LE-T32/ LE-T22/LE-T32H/ LE-T22H

3 Storage condition

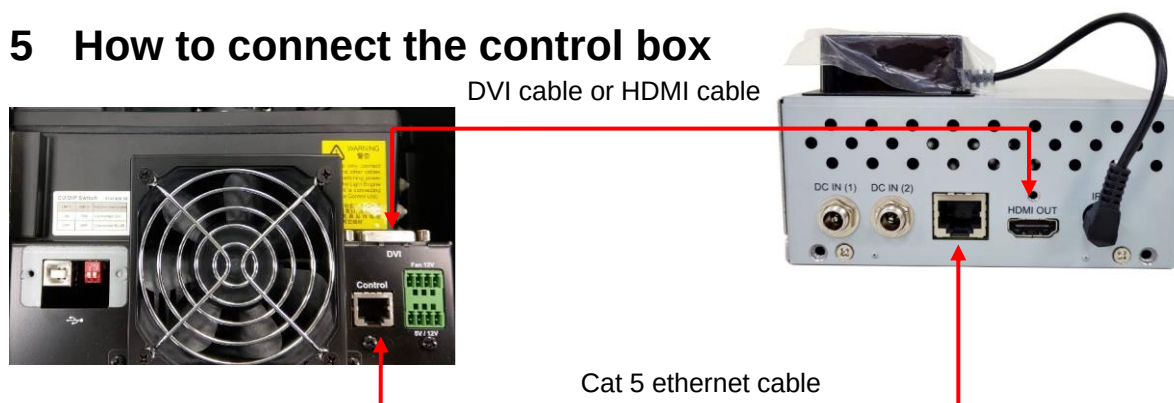
- 3.1 Operation temperature: 5 ~ 35C;
- 3.2 Storage/transportation temperature: - 20 ~ 60C
- 3.3 Environmental temperature: 20 ~ 80%

4 Interface description



- 4.1 HDMI_DVI IN: Connection processor, matrix or other input signals
- 4.2 SYSTEM DIP SWITCH: For setting up Host and Last
 - 4.2.1 Host: Manually switch 1.8 to ON
 - 4.2.2 Last: Manually switch 1.4 to ON
- 4.3 ID DIP SWITCH: For setting up big screen ID
- 4.4 Control interface:
 - 4.4.1 Can Bus: Serial control box
 - 4.4.2 RS232: For control of external computers
- 4.5 SYNC IN/OUT : Connect other Control Unit via coaxial cable
- 4.6 RJ45: For external network control
- 4.7 HDMI OUT To Engine : Control Unit connected to the Light Engine (DVI/HDMI)
- 4.8 RJ45 To Engine : Control Unit connected to the Light Engine (RJ45)
- 4.9 DC IN (1/2) power source: For the power supply of control box

5 How to connect the control box



6 Suggestions for ID DIP SWITCH settings

Define the ID number(ID address) of each DLP Projection Engine;

6.1.1 Set up ID of DLP Projection Engine by its sequence

<Note> Set limits

※The Host ID number must be 000.

※The ID number must be in consecutive, rather than broken, sequence (i.e. 000 → 001 → 002 → ...)

6.1.1.1 Recommended ID number setup sequence (blue arrow indicates series connection of RS-485). Take 3*8 DLP Projection Engine for example

1st machine ID number 000	2nd machine ID number 001	3rd machine ID number 002	4th machine ID number 003	5th machine ID number 004	6th machine ID number 005	7th machine ID number 006	8th machine ID number 007
9th machine ID number 015	10th machine ID number 014	11th machine ID number 013	12th machine ID number 012	13th machine ID number 011	14th machine ID number 010	15th machine ID number 009	16th machine ID number 008
17th machine ID number 016	18th machine ID number 017	19th machine ID number 018	20th machine ID number 019	21th machine ID number 020	22th machine ID number 021	23th machine ID number 022	24th machine ID number 023

7 Regulations

This is a Class A product. In a residential environment it may cause radio interference, in which case the user may be required to take adequate measures. The typical use is in a conference room, reception room or hall.

The product was complied with the requirements of RG1 IEC 62471-5:2015