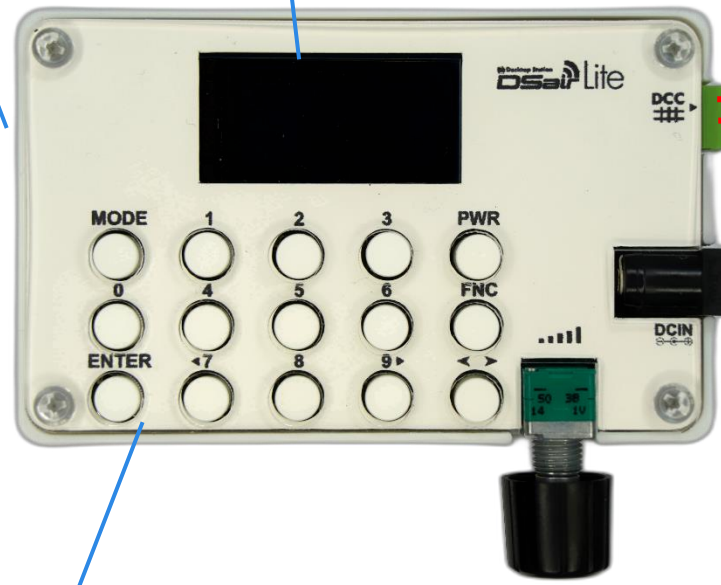


# Description of the main unit

(in the case)  
microUSB terminal  
for update

1.3 inch OLED

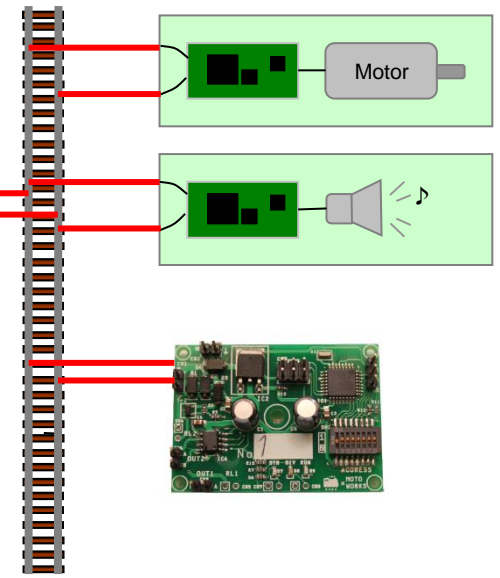
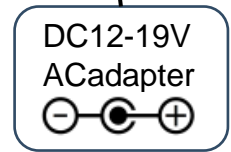


Numeric keypad  
button

for speed  
adjustment  
volume

Feeder wires  
Line Output  
Terminals

DC Power Input  
Terminals



For usage and bug reporting, please use the Digital Model Railroad Forum (free of charge for registration and use).  
<https://desktopstation.net/bb/>

## AC Adapter

Please use an AC adapter with a DC12-19V·  
Φ2.1mm jack. Recommended products are as  
follows.

N Gauge : AD-D120P200 (Akizuki Electronics)  
HO·No.16: AD-A160P375 (Akizuki Electronics)



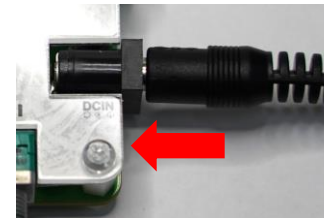
**Use an AC adapter  
with this mark.**



**The AC adapter has a limited lifespan.  
Please replace it regularly.**

## How to turn on the power

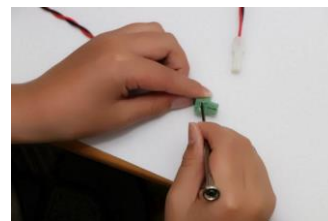
There is no power switch. Plug in the  
AC adapter and the power will turn on  
immediately. If you need it, please  
purchase a commercially available  
switch separately.



[Examples of commercially  
available DC switches]  
Kyoritsu Products CHU-21  
SparkFun COM-11705  
etc

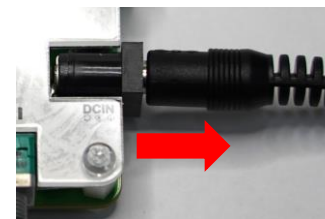
## Wiring and connecting feeder wires

Cut from the feeder wire compatible with  
commercially available railway tracks and peel off  
the coating with a wire stripper. The wire is fixed to  
the terminal block using a precision screwdriver.

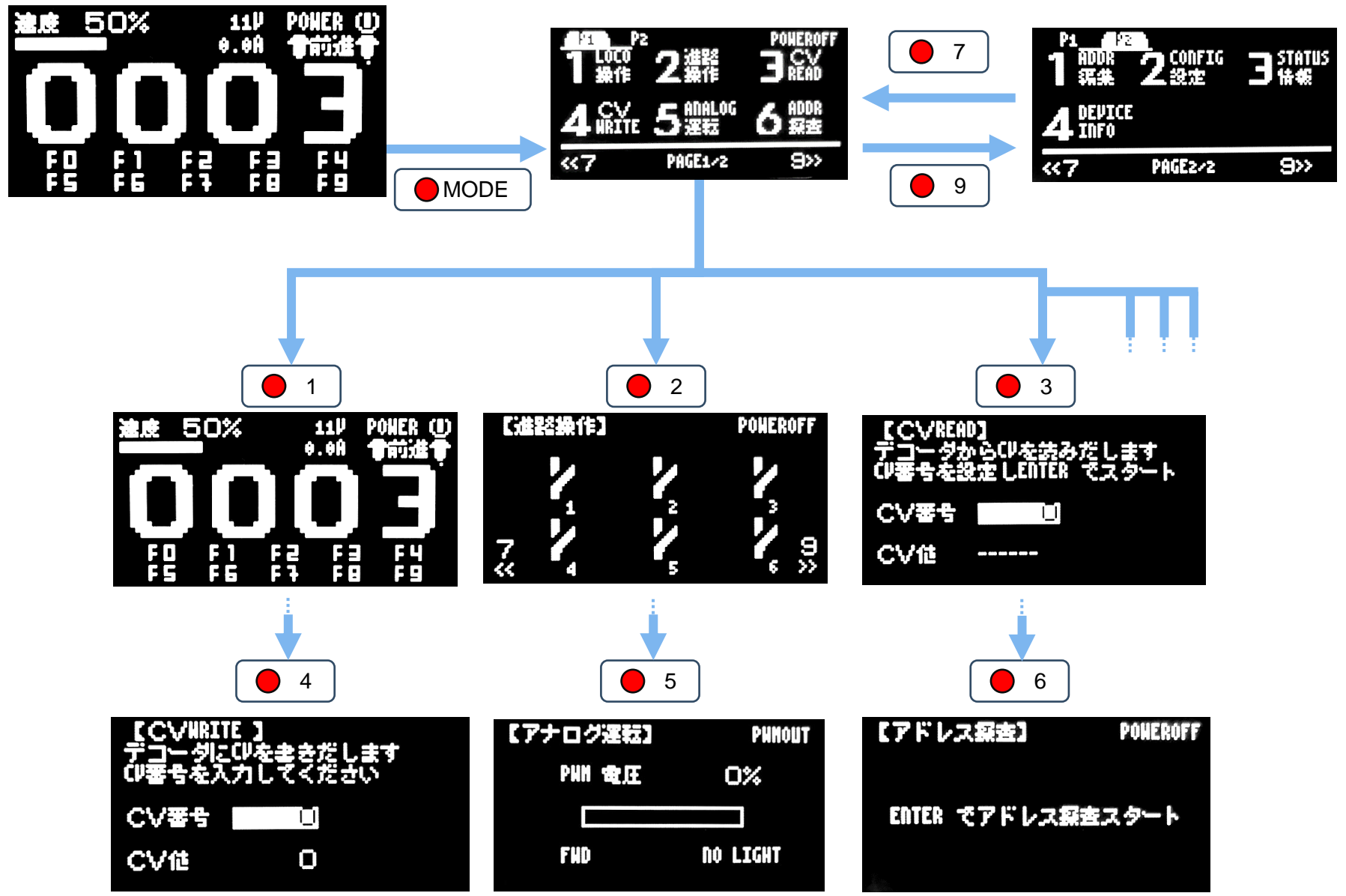


## How to turn off the power

The power can be turned off at any time, except  
when the internal memory is being written when  
settings or internal data are changed (a warning  
display appears on the screen).



# How to operate the main unit



## DCC Vehicle Operation Modes

速度 50%      11V      POWER (O)      前进

0003

F0 F1 F2 F3 F4  
F5 F6 F7 F8 F9

MODE

POWER

< >



POWER (O)

后退

1	2	POWEROFF
LOCO 操作	进路 操作	CV READ
4	5	6
CV WRITE	ANALOG 选择	ADDR 探查
<<7	PAGE1/2	8>>

ENTER

FUNCTION ON/OFF

0	1	2	3
4	5	6	7
8	9		

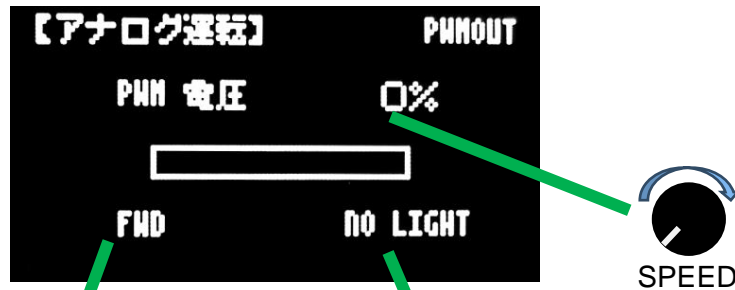
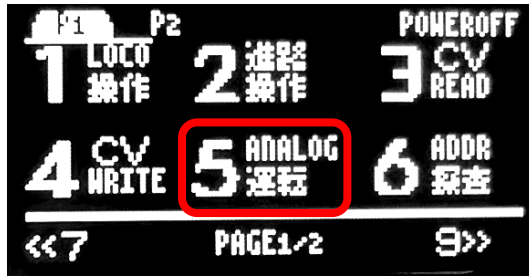
F0	F1	F2	F3	F4
F5	F6	F7	F8	F9
F10	F11	F12	F13	F14
F15	F16	F17	F18	F19
F20	F21	F22	F23	F24
F25	F26	F27	F28	F29
F30	F31			

FNC

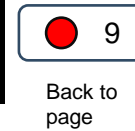
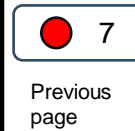
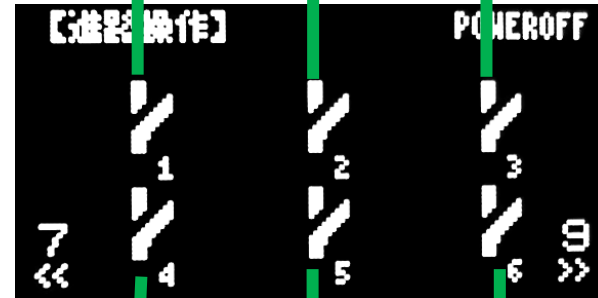
EDIT ADDRESS

0	1	2	3	FNC
4	5	6		Zero Clear
7	8	9		

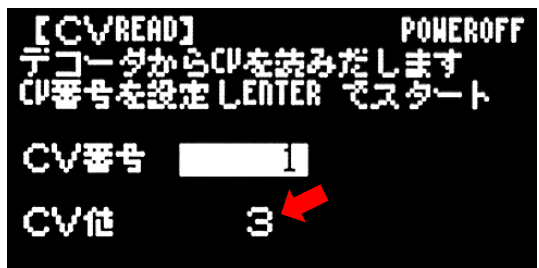
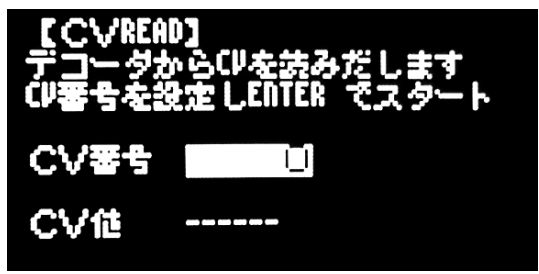
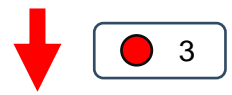
## PWM Analog Operation Mode



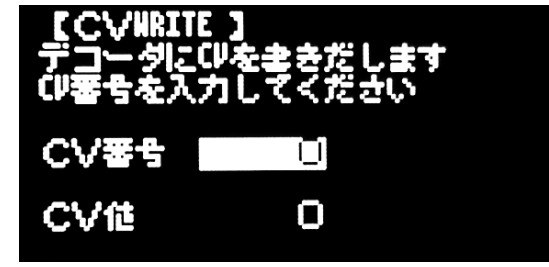
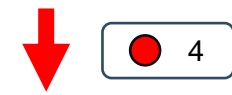
## Turnout & Accessory Operation Modes



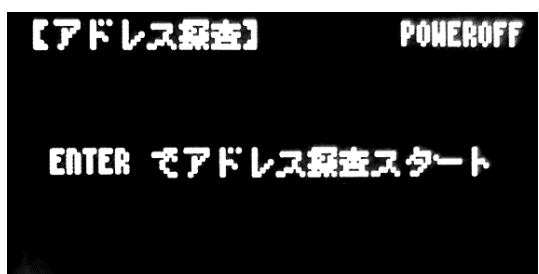
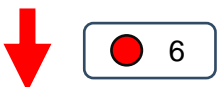
## CV Reading



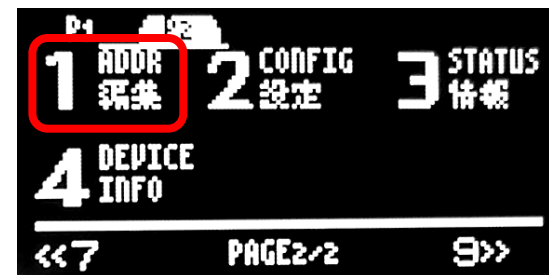
## CV Writing



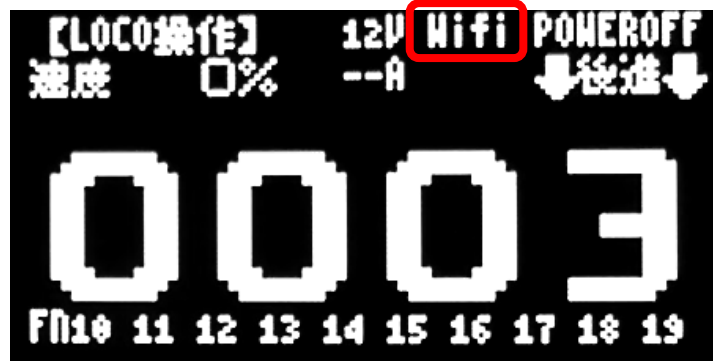
## Loco Address Scan



## Loco Address Edit

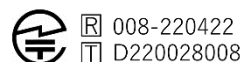


## Check WiFi connection



If "WiFi" is displayed on the LOCO operation screen, a WiFi throttle compatible with DSairLite is connected.

DSairLite uses a Raspberry Pi Pico W as its WiFi wireless module. The indication of technical conformity is based on the Raspberry Pi Pico W.



## Operation from WiFi

If "WiFi" is displayed on the LOCO operation screen, you can operate from the WiFi throttle. If "WiFi" is hidden, the WiFi throttle is not connected and you cannot operate from WiFi.

Use WiFi throttling to set up "dsairlite\_ (15-character unique ID)". Look for it and connect to it. The password is "12345678".

The following products have been released by third parties: Enjoy the DSair Lite with wireless operation.



WiFi Throttle



[https://note.com/hmx\\_1972/n/n2f503be7e976](https://note.com/hmx_1972/n/n2f503be7e976)



P-Throttle



<https://traino.jp.org/>

## Fujigaya2



<https://fujigaya2.blog.ss-blog.jp/>