Desktop Station air

Introduction rev.6
Jan 5, 2019
Desktop Station Products

**DSair2**

DCC command station supported Wi-Fi with smartphones. Very small and compact.

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**DSmain**

Large layout and PC automatic control system use. Our flag-ship command station.

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**DSwatch**

DCC decoder with LCD and button. You can easily check DCC pulse and information on the track! It's very useful for troubleshooting.
DSair's concepts

(1) Control with your friends

DSair can support with some smart phones sametime! Join and Play!

(2) App install is not required.

Browse http://flashair
Your browser is app screen.

(3) Global Standard

Supported Global famous DCC locos and decoders. We have NMRA DCC Manufacture ID 140.

(4) Very compact!

Not required Wi-Fi router and PC. DSair is Wi-Fi access point.
• DSair requires the following items.

Also please prepare your smartphones!
DSair2 hardware interface

- USB
- Feeder Connector
- DC jack
  - Φ2.1mm
  - DC12-18V
  - center plus
- Reset button
- Status
  - RUN LED
- FlashAir
  - (Configured)
You can see **FlashAir_******* (***** means numeric and alphabet) at Wi-Fi SSID list. Passoword is **12345678**. Please access this SSID via your smartphones, PC, tablets.
How to open DSair app

- Open http://flashair/ with your browser.
Our recommended internet browsers are followings.

- Chrome  <--  High Recommended
- Safari    <--  High Recommended
- Firefox
- Opera
Cab Tab

Functions

Speedometer

Edit address

Track power

Address

Stop all

Direction

Dir
If you want to change protocol (DCC/MM), use config menu.
Track layout screen

100x50 blocks are available. This layout data is save on the browser memory.
How to use track layout 1

1. Select track icon. After that you can draw layout on the map.

2. Select Pencil icon. Double tap on the turnout icon. You can see edit mode.

3. Enter turnout address. 0 means undefined.
How to use track layout 2

E.g. enter 20. then tap OK button.

Select Arrow icon. You can change the turnout when Power-on.

You can see direction of turnout icon changed.
Clear and Save function for track layout

Attention! Edited track layout data will be saved after press save button.

If you want to clear track layout, press this button. Also you want to clear saved data, press save button after clear.

This track layout data is saved in your browser memory area (Currently version).
Web Sound

You can play mp3 files in the FlashAir SD card.

If used Bluetooth speaker, you can play anywhere!
PWM Analog Powerpack mode

Pure Analog Option is available!
This CV function is available only DCC but not MM2. This function is available when the track is power-off.

<table>
<thead>
<tr>
<th>CV List</th>
<th>CV No selector</th>
<th>CV Value</th>
<th>CV Value change</th>
</tr>
</thead>
<tbody>
<tr>
<td>CV1 ShortAddress</td>
<td></td>
<td>3</td>
<td>Change</td>
</tr>
</tbody>
</table>

Set 1 to 99(127).
Add shortcut to Home Scereen(iOS)

- This web app is able to add to home screen. Check the following!
Price and Web Shop

<table>
<thead>
<tr>
<th>Fullset (excl. FlashAir)</th>
<th>19800JPY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsoldered KIT (excl. FlashAir)</td>
<td>12800JPY</td>
</tr>
</tbody>
</table>

-excl. DC power supply
-excl. Feeder cable
-w/o Shipping fee

Now on sale at Desktop Station Shop

https://desktopstation.net/wiki/doku.php/dsair2
<table>
<thead>
<tr>
<th>Question</th>
<th>Our Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can I control analog locos?</td>
<td>Yes, please use PWM analog powerpack mode. If you want to use coreless-locos, please use Pure analog adapter option.</td>
</tr>
<tr>
<td>How many locos are available?</td>
<td>N scale is 5 locos, HO scale is about 3 locos It depends on weight and rail condition.</td>
</tr>
<tr>
<td>How many smart devices are available?</td>
<td>Maximum 7 devices at same time. It depends on your Wi-Fi environment.</td>
</tr>
<tr>
<td>Can I buy at the store?</td>
<td>Only provided internet shopping.</td>
</tr>
<tr>
<td>Screen is not correct.</td>
<td>Old browser is not available for Dsair. Please use modern browser.</td>
</tr>
<tr>
<td>Suddenly stop.</td>
<td>If safety function works, press reset. Wi-Fi connection issue is also</td>
</tr>
<tr>
<td>Can’t access Dsair after long wait time(30min or more)</td>
<td>Energy saving mode works after 50min. Press reset button.</td>
</tr>
</tbody>
</table>
Youtube Videos

We provide many videos!

Please scan left QR code. You can see our videos.