Navigation Remote Controller

BRC1E72

For use with VRV III VRV III-S VRV-W III SkyAir

Large clear LCD display - Improved with 3 configurations. Setback schedule. Dual or Single setpoint control.

The Navigation Remote Controller has been improved to meet the needs of the growing VRV and SkyAir market. This controller will satisfy almost any controls requirement. The configurable display and operation buttons will provide as much or as little control as the project requires.

BRC1E72 provides all the features of the existing BRC1E71. It is backwards compatible and has exactly the same dimensions as BRC1E71.

Can be used with:
All VRV indoor units and the FAQ, FBQ, FCQ, FHQ, FTQ. SkyAir indoor units

Basic Operation
• On/Off, Operation mode, Setpoint
• Fan speed, Airflow direction (menu)

Function
• Configurable display – Standard, Detailed, and Simple (improved)
• Dual or single Cool and Heat setpoints for occupied periods (improved)
• Independent setback setpoints for unoccupied periods
• Unwanted buttons/operation modes can be disabled (improved)
• Power off eliminates setpoint and mode adjustment – configurable (improved)
• Setpoint range limitation
• Individual button prohibits (improved)
• Auto-changeover for Heat Recovery and Heat Pump systems with dual or single setpoints (improved)
• Automatic adjustment for Daylight Savings Time (DST) (improved)
• Schedule
  • Weekly schedule – 7 day, weekday plus Saturday and Sunday (5 + 1 + 1), weekday plus weekend (5 + 2) and Everyday (1) (improved)
  • Allows programming up to 5 events per day with Cool and Heat or single setpoints
  • Setback configuration with Cool and Heat setpoints

Display
• Detailed display mode
  • Operation mode, Occupied and unoccupied setpoint(s), Fan speed, Airflow direction, Room temperature, Time, Day, and Status display
• Standard display mode
  • Operation mode, Occupied and unoccupied setpoint(s), Fan speed, and Status display
• Simple display mode (new)
  • Operation mode, Occupied and unoccupied setpoint(s), Fan speed, Room temperature
  • Face decal option to hide unnecessary buttons (new)

Others
• Backlit
• Room temperature sensor
• 12/24 hour clock
• Fahrenheit/Celsius selectable
• English/French/Spanish selectable (buttons and system status display are in English only)
• Remote control group – up to 16 indoor units
### System Capabilities

<table>
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<th>Daikin Controls Options</th>
<th>BRC1E72 Navigation Remote Controller</th>
<th>BRC2A71 Simplified Wired Remote Controller</th>
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<td>2-Wire / DIII-Net</td>
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<td>Group control capacity</td>
<td>Up to 16 indoor units</td>
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</tbody>
</table>

### Auto-changeover

- **Cooling SP**
  - Min Differential (0 to 7F, or Single Setpoint)
  - (1 to 4F)
  - Surely Change to Cooling
  - Change to Cooling (with Guard Timer)

- **Heating SP**
  - (1 to 4F)
  - Change to Heating (with Guard Timer)
  - Surely Change to Heating

### Configurable Display Mode – Detailed, Standard, Simple

<table>
<thead>
<tr>
<th>Display Mode</th>
<th>Detailed</th>
<th>Standard</th>
<th>Simple</th>
<th>New</th>
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</thead>
<tbody>
<tr>
<td>Display image</td>
<td><img src="image" alt="Display Image" /></td>
<td><img src="image" alt="Display Image" /></td>
<td><img src="image" alt="Display Image" /></td>
<td><img src="image" alt="Display Image" /></td>
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<tr>
<td>On/Off status on LED (LED blinks when an error is occurred)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
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<tr>
<td>Mode</td>
<td>X *1</td>
<td>X *1</td>
<td>X *1</td>
<td></td>
</tr>
<tr>
<td>Setpoint (Dual/Single)</td>
<td>X *2</td>
<td>X *2</td>
<td>X *2</td>
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<tr>
<td>Room temperature</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fan speed</td>
<td>X *3</td>
<td>X *3</td>
<td>X *3</td>
<td></td>
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<tr>
<td>Air flow direction (when a louver is available)</td>
<td>X</td>
<td></td>
<td></td>
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<tr>
<td>Day and Time</td>
<td>X *3</td>
<td>X *3</td>
<td></td>
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<tr>
<td>Status icon</td>
<td>X *3</td>
<td>X *3</td>
<td></td>
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<tr>
<td>Key lock icon</td>
<td>X</td>
<td>X</td>
<td></td>
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<tr>
<td>Error message</td>
<td>X</td>
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</table>

1. OFF can be displayed instead of the operation mode while the unit is turned off with the field setting (new)
2. Can be removed from the display while the unit is turned off with a field setting (new)
3. Can be removed from the display with a field setting (improved)

### Automatic changeover in Heat Pump and Heat Recovery Systems
- At 1°F above cooling or 1°F below heating setpoint (default)
- Configurable between 1°F – 4°F (improved)
- Another 1°F above cooling or 1°F below heating changeover points immediate changeover ignoring guard timer (new)
- Configurable between 1°F – 4°F (new)
- Guard timer to prevent frequent mode change
- 15, 30, 60 (default), or 90 minute guard timer settable

### Optional Face Decals

- **Single Setpoint Face Decals**
- **Dual Setpoint Face Decals**

### For More Information:

**Our continuing commitment to quality products may mean a change in specifications without notice.**

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