

# Specifications

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                  |             |                                                                  |  |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------|-------------|------------------------------------------------------------------|--|
| MODEL                             | RT-24VF-□                                                                                                                                                                                                                                                                                                                                                                                                                      |  | RT-100VF-□                                                       |             | RT-200VF-□                                                       |  |
| Rated Voltage                     | 24V DC                                                                                                                                                                                                                                                                                                                                                                                                                         |  | 100V AC 50/60Hz                                                  |             | 200V AC 50/60Hz                                                  |  |
| Operating Voltage Range           | 21~27V DC                                                                                                                                                                                                                                                                                                                                                                                                                      |  | 90~110V AC                                                       |             | 180~240V AC                                                      |  |
| Power Consumption                 | 24W±25%                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 32W±20%                                                          |             | 30W±20%                                                          |  |
| Sound Pressure Level              | 105dB or more                                                                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                  |             |                                                                  |  |
| Function of Sound Reduction       | Condition for determination: Fit the product on the plate of □300mm, and measure the level with the sound                                                                                                                                                                                                                                                                                                                      |  |                                                                  |             |                                                                  |  |
| Audio Format                      | MPEG1-Audio Layer Ⅲ (MP3)                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                  |             |                                                                  |  |
| Standard Bit Rate                 | Standard bit rate : 64kbit/s、Fs=44.1kHz                                                                                                                                                                                                                                                                                                                                                                                        |  |                                                                  |             |                                                                  |  |
| Internal Memory Size              | 504KByte (Total of MP3 data)                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                  |             |                                                                  |  |
| Interface                         | SD card Recommendation: SDV-2GP (optional)                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                  |             |                                                                  |  |
| SD Card Format                    | FAT16                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                  |             |                                                                  |  |
| Method of Signal Input            | Bit input: Pulse input/Binary input: Pulse input (Switchable by selection switch)                                                                                                                                                                                                                                                                                                                                              |  |                                                                  |             |                                                                  |  |
| Fixing Time of Voice Input Signal | Pulse input width 100ms or more                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                  |             |                                                                  |  |
| Warm-up Time                      | Signal line start : 300ms or less / Power supply line start : 500ms or less                                                                                                                                                                                                                                                                                                                                                    |  |                                                                  |             |                                                                  |  |
| Number of Playing Messages        | Bit input: 4 Binary input: 15 (Sound reduction mode, Bit input: 3 Binary input: 7)                                                                                                                                                                                                                                                                                                                                             |  |                                                                  |             |                                                                  |  |
| Priority Order for the Channel    | STOP>CH4>CH3>CH2>CH1 (Only bit input)                                                                                                                                                                                                                                                                                                                                                                                          |  |                                                                  |             |                                                                  |  |
| Bulb                              | 24V 20W (G18/BA15S)                                                                                                                                                                                                                                                                                                                                                                                                            |  | 12V 15W (G18/BA15S)                                              |             | 12V 15W (G18/BA15S)                                              |  |
| Luminous Intensity (No Globe)     | 7,500cd                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 10,000cd                                                         |             | 10,000cd                                                         |  |
| Flashing Rate                     | 115±30 Flashes per minute                                                                                                                                                                                                                                                                                                                                                                                                      |  | 105±30 Flashes per minute                                        |             | 95±30 Flashes per minute                                         |  |
| Operating temperature range       | -10℃ ~ 50℃                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                  |             |                                                                  |  |
| Operating Ambient Humidity        | Less than 85 %RH (No condensation)                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                  |             |                                                                  |  |
| Mounting Location                 | Indoors and Outdoors                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                  |             |                                                                  |  |
| Mounting Direction                | Upright only                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                  |             |                                                                  |  |
| Protection Rating                 | IP 23 (Upright direction only)                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                  |             |                                                                  |  |
| Insulation Resistance             | More than 1MΩ at 500VDC between the terminals and the chassis                                                                                                                                                                                                                                                                                                                                                                  |  |                                                                  |             |                                                                  |  |
| Withstand Voltage                 | 500V AC, for 1minute<br>Between live parts and dead metal parts                                                                                                                                                                                                                                                                                                                                                                |  | 1000V AC, for 1minute<br>Between live parts and dead metal parts |             | 1500V AC, for 1minute<br>Between live parts and dead metal parts |  |
| Vibration Resistance              | 19.6m/s2 (30Hz, Back and force 2h・Right and Left 2h・Up and down 4h)                                                                                                                                                                                                                                                                                                                                                            |  |                                                                  |             |                                                                  |  |
| Mass (Tolerance±5%)               | 2.0kg                                                                                                                                                                                                                                                                                                                                                                                                                          |  | 2.4kg                                                            |             |                                                                  |  |
| Remarks                           | <div style="text-align: center;"><div>RT - 100 VF - R</div><div><div>Rated Voltage</div><div>24 : 24V DC</div><div>100 : 100V AC</div><div>200 : 200V AC</div></div><div><div>Dome Color</div><div>R : Red</div><div>Y : Yellow</div><div>G : Green</div><div>B : Blue</div></div></div> <div style="text-align: right; margin-top: 20px;"><div>Drawing Release</div><div>'24.08.20</div><div>出図</div><div>PATLITE</div></div> |  |                                                                  |             |                                                                  |  |
| RT-24VF-A18D-1 3                  |                                                                                                                                                                                                                                                                                                                                                                                                                                |  | APP.BY                                                           | CHK.BY      | DGN.BY                                                           |  |
| PATLITE Corporation               |                                                                                                                                                                                                                                                                                                                                                                                                                                |  | Y.Nagayama                                                       | <div></div> | T.Motoshita                                                      |  |
|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                |  | 17.5.15                                                          |             | 17.5.15                                                          |  |

# Specifications

| Play mode (Setting with selection switch)    |                                                                                     |                                                                                                                                                                                                          |
|----------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A                                            |    | CH input : CH1 – CH4<br>Number of playing messages : 4                                                                                                                                                   |
| Bit input mode                               |                                                                                     |                                                                                                                                                                                                          |
| B                                            |    | CH input : CH1 – CH4<br>Number of playing messages : 15                                                                                                                                                  |
| Binary input mode                            |                                                                                     |                                                                                                                                                                                                          |
| C                                            |    | CH input : CH1 – CH3 Number of playing messages : 3<br>CH4 : Input reduces the volume by 20dB.                                                                                                           |
| Bit input・Sound reduction mode               |                                                                                     |                                                                                                                                                                                                          |
| D                                            |    | CH input : CH1 – CH3 Number of playing messages : 7<br>CH4 : Input reduces the volume by 20dB.                                                                                                           |
| Binary input・Sound reduction mode            |                                                                                     |                                                                                                                                                                                                          |
| E                                            |    | CH input : CH1 – CH4 Number of playing messages : 4<br>When the next message is input while message is being play, the message that is being played is stopped and the latest input message is playing.  |
| Bit input・Latest input priority play mode    |                                                                                     |                                                                                                                                                                                                          |
| F                                            |    | CH input : CH1 – CH4 Number of playing messages : 15<br>When the next message is input while message is being play, the message that is being played is stopped and the latest input message is playing. |
| Binary input・Latest input priority play mode |                                                                                     |                                                                                                                                                                                                          |
| G                                            |    | CH input : CH1 – CH4 Number of playing messages : 4<br>Message play is possible only while the input is held.<br>The play stops when the input stops.                                                    |
| Bit input・Hold play mode                     |                                                                                     |                                                                                                                                                                                                          |
| H                                            |   | CH input : CH1 – CH4 Number of playing messages : 15<br>Message play is possible only while the input is held.<br>The play stops when the input stops.                                                   |
| Binary input・Hold play mode                  |                                                                                     |                                                                                                                                                                                                          |
| I                                            |  | The message No.1 plays.<br>( Revolving Light doesn't work. )                                                                                                                                             |
| Test mode                                    |                                                                                     |                                                                                                                                                                                                          |



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