



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for RANE DA 26. You'll find the answers to all your questions on the RANE DA 26 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual RANE DA 26  
User guide RANE DA 26  
Operating instructions RANE DA 26  
Instructions for use RANE DA 26  
Instruction manual RANE DA 26

## RANE DATA SHEET DA 26 DISTRIBUTION AMPLIFIER WITH PAGING



### Features

- **Balanced line input (background music)**
  - Automatic Gain Control
  - Target Level - Ratio - Attack/Decay - Gain meter
  - Adjustable 24 dB per octave Linkwitz-Riley Crossover
    - 80 - 110 - 150 - 200 Hz
- **6 Balanced outputs**
  - Full-range, high-pass and low-pass source selection
  - Loudness compensation for low-pass outputs
  - Front panel Level control for each output
  - Wired DC Level Remote Control port
  - Optional VR 1 Remote Level Control
- **Priority mic/line paging input**
  - Remote assignment of priority input to any outputs
  - Automatic gating with adjustable threshold
  - Page ducker range of 0 to -80 dB
    - Mic/line mixing
    - Paging talks over music
    - Priority replaces music
- **Optional SC 1.7 security cover**
- **European-style terminal block connectors (Euroblocks)**

### General Description

Do you have a paging and background music application that would benefit from a low cost, one-box solution? The DA 26 provides all of the tools needed to serve up to six zones. For even greater flexibility in source selection and zone distribution, combine the DA 26 with a Rane CP 52 or CP 64 music and paging processor. Many existing solutions require installers to employ separate paging processor, dynamics processor, crossover, distribution amplifier and remote-level-control devices. These systems are expensive and require a lot of wiring, yet fail to meet all of the requirements. The DA 26 provides all of the required features in one compact package.

The DA 26 routes a mono program source and priority/page source to as many as six zones. The mono program source is processed by an Automatic Gain Control (AGC) circuit featuring adjustable target level, ratio and attack/decay.

The priority/page input features automatic signal detection and remote zone assignment. A means of automatically attenuating program music over a range of 0 dB to -80 dB during a page allows mic/line mixing, talk-over or priority-replaces-program operation.

Each of the six outputs distributes full-range, high-pass or low-pass program music. Small bookshelf or hanging speakers frequently require bass enhancement. Bass enhancement is achieved by adding bass to the full range response or by employing a true bi-amp system. The DA 26 provides a 24 dB per octave Linkwitz-Riley crossover that supports both bass enhancement schemes. Wired remote level control ports allow independent control of music amplitude in each zone. Loudness compensation is automatic when a remote is used. Remote level controls do not influence the priority/page level. It is possible to control multiple remote level ports with a single remote device. This allows one remote device to control the level in multiple zones or both high-pass and low-pass outputs in a single zone.

Data Sheet-1



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**Manual abstract:**

@@@These systems are expensive and require a lot of wiring, yet fail to meet all of the requirements. The DA 26 provides all of the required features in one compact package. The DA 26 routes a mono program source and priority/page source to as many as six zones. The mono program source is processed by an Automatic Gain Control (AGC) circuit featuring adjustable target level, ratio and attack/decay. The priority/page input features automatic signal detection and remote zone assignment. A means of automatically attenuating program music over a range of 0 dB to 80 dB during a page allows mic/line mixing, talk-over or priority-replaces-program operation. Each of the six outputs distributes full-range, high-pass or low-pass program music. Small bookshelf or hanging speakers frequently require bass enhancement. Bass enhancement is achieved by adding bass to the full range response or by employing a true bi-amp system.

@@@Loudness compensation is automatic when a remote is used.

Remote level controls do not influence the priority/page level. @@@@150 , 1 kHz Source res. @@@E88261 / file no.

@@@@@The unit shall have six balanced outputs. @@@The unit shall provide a remote level control port for each of the six outputs. The range of control shall be 0 to -80 dB. The remote port topology shall allow ganging any number of ports to a single remote device. Remote level control of low-pass outputs shall include Loudness compensation. Priority/Page input shall be provided. This input shall accommodate microphone or line-level signals.

Line-level gain shall have a range of 0 dB to 30 dB. Microphone gain shall have a range of 30 dB to 60 dB. Automatic threshold detection shall have a sensitivity adjustment range of +4 dBu to ON. A priority assign port shall provide a means of routing the priority input to any combination of zone outputs. When the Page/Priority signal exceeds the set threshold, an "active" indicator lights, the input signal routes to selected zone(s) and the music ducking circuit is enabled for selected zone(s). Automatic music attenuation shall be adjustable from 0 to -80 dB. Front panel and remote output level controls shall not influence the Priority/Page signal. The unit shall mount in a standard 19-inch rack and occupy 1U. The unit shall accommodate an optional SC 1.7 single space security cover.

@@The unit shall be powered by an external RS 1 power supply. The power supply shall be UL listed, CSA certified and CE certified. The unit shall be CE certified. @@@DOC 104874 .



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