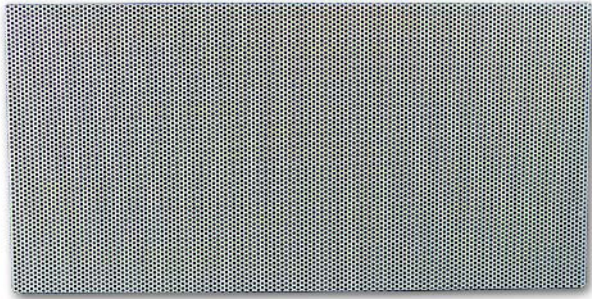


# Speakers - Horns - Speaker Accessories

Rauland

MODEL: BAFKIT1X2S - CEILING SPEAKER ASSEMBLY



BAFKIT1X2S

## FEATURES

- Pre-Assembled Kit for Time-Saving Installation
- No Visible Hardware After Installation
- Acoustically-Correct Baffle Design Blends with Ceiling Tiles
- Mar-Proof Baked White Epoxy Finish
- Can Be Installed Before Ceiling Tile Installation
- Premium Quality 8" Speaker with Matching 25 Volt Transformer
- Matched Components for High Quality Performance
- Speaker Tap Selector Control Mounted on Backbox

## SPECIFICATIONS

**Speaker Type:** 8 inch (20.3 cm) Permanent Magnet  
**Power Rating:** 8 Watts RMS  
**Sensitivity:** 93 dB @ 1 meter with 1 Watt input  
**Frequency Response:** 65 to 17,000 Hertz  
**Magnet:** 5 oz. (141.7 g) PM  
**Voice Coil Impedance:** 8 ohms  
**Voice Coil Diameter:** 0.75 inches (1.9 cm)

**Transformer:** 25V; taps at ¼, ½, 1, 2 and 4 Watts  
**Baffle:** White, 22-gauge cold-rolled steel  
**Baffle Size:** Width: 23-3/4" (60.3 cm)  
Length: 11-3/4" (29.8 cm)  
Depth: 3-3/8" (8.6 cm)  
**Weight:** 4 lbs. 14 oz. (2.2 kg)

## DESCRIPTION

The pre-assembled Rauland BAFKIT1X2S can immediately "lay in" to a new or existing ceiling grid and be wired to finish the installation. The BAFKIT1X2S Ceiling Speaker Assembly consists of a USO188-type, 8" loudspeaker complete with a 25V line matching transformer, mounted on a 1 foot by 2 foot lay-in baffle, and an integrated backbox that runs the full length of the baffle.

Installation is swift and simple, because time-consuming tile sculpting is not required. Quick and professional results can easily be achieved by halving a 2' by 2' tile, or cutting 1' off of the long side of a standard 2' by 4' tile. Each assembly includes a cross piece of white, T-bar ceiling grid to fit between the grill and the trimmed tile.

The BAFKIT1X2S is designed with a feature to allow attachment of safety straps when required. With a tap selector switch on the

backbox, an installer can quickly select an appropriate power level of either ¼, ½, 1, 2 or 4 Watts.

The BAFKIT1X2S Ceiling Speaker Assembly is particularly suitable for use in hospitals, classrooms, hallways, meeting rooms, or any area that requires a flush mount, concealed speaker with excellent sound reproduction quality. The BAFKIT1X2S Speaker Assembly is packaged as a complete unit that significantly reduces installation time and project costs.

When the BAFKIT1X2S is used in Reduced Wiring applications (clock power & correction using the intercom/paging speaker wires) with Rauland analog clocks, a TCCKIND25 must be included with each BAFKIT1X2S to provide a "virtual" center tap for connection to the clock.



Rauland is a Division of AMETEK, Inc.

USA +1 800 752 7725  
Asia Pacific +65 64835750

[www.rauland.com](http://www.rauland.com)

Mid East & Africa +20 122 2154016  
Europe +30 693 7501168  
Latin America +1 847 454 4203

Architect and Engineer (A&E) Specifications available online at [customerconnection.rauland.com](http://customerconnection.rauland.com)  
Specifications subject to change without notice.