

BG525

BACKGROUND

BG BACKGROUND — Expressly designed for quality background music reproduction.

SPECIFICATIONS

FREQUENCY RESPONSE

100 Hz to 12 kHz +/- 5 dB

RECOMMENDED AMPLIFIER POWER

5 to 50 watts

SENSITIVITY

89 dB 2.83V @ 1 meter.

IMPEDANCE

8 Ohm nominal

HEIGHT X WIDTH (With frame)

9-7/8" x 7-1/8"

HOLE CUTOUT

6-1/4" x 9"

DEPTH BEHIND WALL (Assumes 1/2" drywall)

1-7/8"

CONNECTIONS

Accommodates up to 14 gauge wire



BG525

- 5-1/4" Full-Range Driver
- Complete System consists of: BG525 Speaker; 525 Bracket Kit and 525 Frame/Grille Kit

INTRODUCTION

The BG Background group of Loudspeakers is expressly designed for quality background music reproduction. This speaker is perfect for hallways, laundry rooms, entryways or other areas where critical listening is unlikely and cost is a major influence in the purchase decision.

FEATURES AND BENEFITS

Absolutely Flush to the Wall Appearance

The unique mounting system of the BG loudspeaker powerfully clamps the frame to the bracket, sandwiching the wall material between them. Because the clamping action is totally uniform around the frame, there are no shadows or gaps between the wall and the frame. Additionally, the Niles mounting system is carefully optimized to stiffen the surrounding drywall and prevent it from resonating. You hear only the music, not the drywall.

Full-Range Driver

The Full-Range driver of the BG525 is constructed with a woven fiber cone supported by a treated foam surround. This gives the driver rigidity for fast transients. The frequency response curve of the Full-Range driver has been carefully shaped for background music reproduction.

It has a rich sound much more suitable for low volume listening than traditional speakers. The single driver configuration gives effective coverage over a wide area allowing great latitude in terms of speaker placement.

Transformer Mount

The BG525 provides a mount for a 70 volt transformer for use in commercial applications.

Infrared Sensor Mount

The speaker baffle has a locator designed for the Niles MS-1 MicroSensor,™ a miniature infrared sensor. The MS-1 installs discreetly behind the aluminum grille and therefore minimizes wall clutter in your home. When you want to control your equipment, you simply point your hand-held remote control at the speaker with the MS-1 installed from up to 15 feet away.

Low Diffraction, Paintable Aluminum

BG speakers are provided with MicroPer™ aluminum grilles. The rustproof paintable aluminum grille has hundreds of precisely sized perforations, creating an acoustically transparent grille. It is the perfect choice for moist environments like bathrooms and saunas.

Eight Ohm Impedance

The BG525 is designed to be placed in multi-room systems with many pairs of speakers. The eight Ohm impedance is a very easy electrical load for most amplifiers. This allows many pairs of BG speakers to be wired to a single amplifier using a Niles speaker selection system.



NILES

BLENDING HIGH FIDELITY
AND ARCHITECTURE®

BG525 Background Music Loudspeaker Group

APPLICATION NOTES

Three Stage Installation System Prevents Theft and Simplifies Painting

You install only the parts you need for a particular stage of construction. When the framing and wiring are finished, you install the *bracket*. After the drywall is up, but before the painter begins to paint, you install the *frame* and provide the rustproof aluminum *grilles* to the painter so that they can be painted to match the surroundings. Only when construction is completely finished do you put the valuable *speaker* in the wall.

Easy Retrofit Installation In Existing Construction

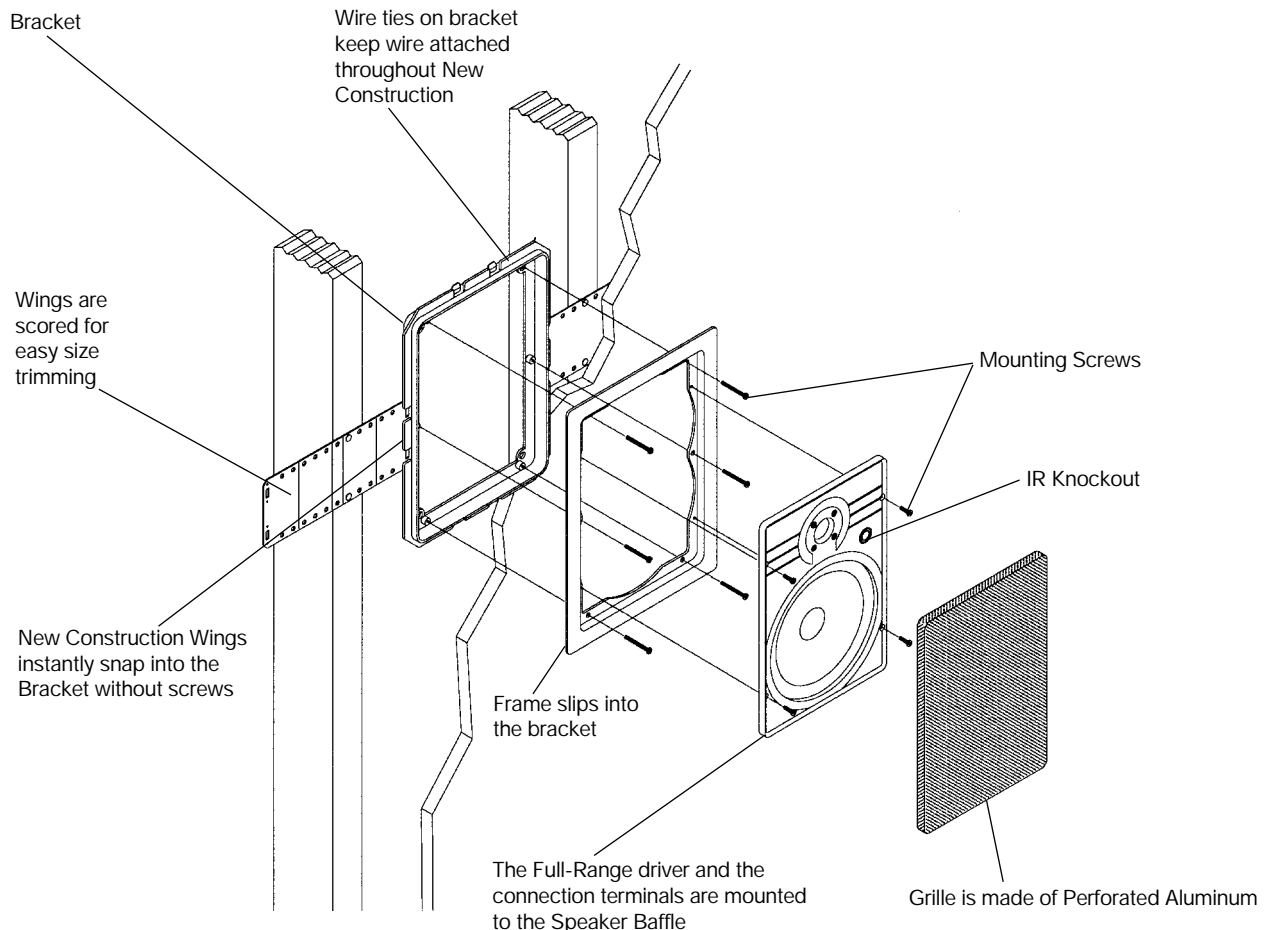
Designed for ease of installation, the Niles mounting system makes retrofit installations simple and fast. A supplied template assures fast and accurate hole cutting. The bracket slips behind the drywall and the screws secure the bracket to the frame, sandwiching the drywall between them. The speaker baffle attaches to the frame, and the grille mounts over the speaker.

Instant Upgrades Without New Holes in the Wall

Because all 525 speakers fit into 525 frames and grilles, you can quickly upgrade from a BG525 to an MP525 or HD525 speaker by removing the grille, undoing the mounting screws and replacing just the speaker baffles.

Hole Saving Bracket

New Construction Wings allow the Bracket to be installed as a "Hole Saver" before the drywall goes up. The drywall contractor cuts the hole for the speaker as the drywall is installed, reducing the chances of misplaced wire.



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