

Speaker Baffles

6A328, 6A338, 6A342B, 6A530B, 6A603, 6A625A, 6A630, 6A633, 6A634, 6A635, 6A636, 6A650 and 6L100



Flush Speaker Baffles 6A342B

Overview

Dukane Speaker Baffles and Baffle Assemblies are ideally suited for use in classrooms, lobbies, stores, restaurants, and other commercial and educational establishments. Flush mount models available with white or brushed aluminum finish.

Standard Features

6A328 Square Speaker Baffle

- · Wall mount or Ceiling mount
- Sturdy Steel
- Finished folded edges
- No speaker screws visiable

6A338 Flush Speaker Baffle

- Molded of high impact styrene
- No speaker screws visible
- Will not chip or mar
- · Ceiling or wall mounting

6A342B, 6A625A Flush Speaker Baffle

- Steel construction
- Simple lines that blend with modern interiors
- Epoxy finish will not chip or mar (6A342B)
- No speaker screws visible (6A625A)

6A633, 6A634, 6A630, 6A635, 6A636 Speaker Baffle Assembly

- Speaker-matching transformer for either 25-Volt or 70-Volt line
- Reduced installation time and cost through pre-assembly
- High impact styrene baffle (6A630, 6A635, 6A636)
- Volume control (6A635 recessed; 6A636 exposed)

6A650 Speaker Baffle Assembly

- 25 and 70-Volt line operation
- Brushed aluminum or white steel speaker baffle
- Low mounting profile
- Additional whizzer cone for extended frequency response

6A530B, 6A603 Sound Masking Speaker Assembly

- Excellent low frequency response and reflection patterns
- Flame retardant cones
- Defined rectangular sound pattern
- Dual voltage transformer with variable power taps

6L100 Special Purpose Baffle

- Bi-Directional Radiation
- Ideal Corridor Baffle
- Sturdy Construction

Description

6A328, 6A338, 6A342B, 6A625A Flush Speaker Baffles

These models are ideally suited where flush speakers are required in classrooms, lobbies, stores, restaurants, and other commercial and educational establishments.

6A633, 6A634 and 6A630 Speaker Baffle Assemblies

These units consist of a Model 5A606 loudspeaker with 25 Volt or 7Volt Speaker Line transformer. These assemblies are especially well suited for use in the classroom, small meeting rooms and other areas. Mounting hardware is furnished, and preassembly reduces time and expense.

6A650 Speaker Baffle Assembly

The Dukane Model 6A650 is a high quality speaker, transformer, and speaker baffle assembly. The loudspeaker has an additional speaker cone for extended high frequency response. The speaker baffle, constructed of steel, has simple, tasteful lines that blend well with all modern interiors. The assembly includes a dual voltage 70-and 25-volt matching transformer. The transformer has taps of 1/2, 1, 2, and 4 watts at 70 volts, and 1/2, 1, and 2 watts at 25 volts. Quality reproduction provides for use in many installations.

6A635, 6A636 Speaker Baffle Assembly With Volume Control

The Dukane Model 6A635 and 6A636 Speaker Baffle Assemblies with Volume Control each provide a complete speaker baffle assembly with a self-contained control for individual speaker volume adjustment. This assembly, with a speaker providing a low level, wide frequency range, is ideal for music and/or paging systems in offices or other applications where individual, variable volume levels are required. Model 6A635, the volume control is recessed, screwdriver adjustable to discourage unauthorized adjustment. Model 6A636, the volume control is exposed for convenient adjustment. A complete speaker baffle assembly means the assembly includes a transformer compatible with either 25V or 70V speaker lines. The baffle finish will accept any good latex paint to

match the mounting surface where required. The preassembly of speaker, baffle, and transformer reduces installation time and cost.

6A603 Sound Masking Speaker

The Dukane Model 6A603 Sound Masking Speaker is scientifically designed for sound masking applications in shallow depth or limited plenum areas. Dual 5-inch (12.7 cm) high efficiency speakers are mounted on a folded aluminum baffle designed to maximize low frequency response from a minimum height installation dimension. Unlike most contemporary assemblies, the 6A603 is not hampered by "hot spots" directly below the speaker units, since its innovative design employs the bottom surface of the baffle as a highly effective acoustic shield. This assembly is designed for use in areas where the plenum area height is 36 inches (91.4 cm) or less. If the plenum area exceeds this height, Dukane Sound Masking Speaker Assembly Model 6A530B should be used.

6A530B Sound Masking Speaker

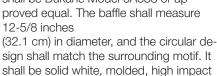
The Dukane Model 6A530B Background Sound Masking Speaker Assembly is specially designed and built for background sound masking systems. Two eight inch (20.3 cm) flame retardant speakers are mounted in an 0.8 cubic foot prismshaped enclosure which is constructed of 20 gauge steel. The 25 or 70.7 volt input is fed to an impedance matching transformer.

The bi-directional configuration of the speakers and prism shape of the enclosure provide for the most effective angular dispersion of the masking sound. This unit is designed for high plenum areas in excess of 36 inches (.91 m). If the plenum height is 36 inches (.91 m) or less, Dukane Sound Masking Speaker Assembly Models 6A603 should be used. Dukane Model 6A530B is covered by U.S. Patent Number 3,985,987, "Sound Masking System for Open Plan Office." Wiring of the assembly can be altered for out-of-phase operation to provide an area of reduced sound pressure directly below the unit. In this mode of operation, the sound pressure level on the null will be at least 15 dB down from the on-axis pressure. (See chart that follows.)

Engineers' Specification

Flush Speaker Baffles 6A338

The Flush (wall, ceiling) Speaker Baffle shall be Dukane Model 6A338 or ap-





styrene, highly resistant to scratches and mars. The baffle finish shall accept any good latex paint to match the mounting surface where required. It shall mount an 8-inch (20.3 cm) loudspeaker with concealed screws and provide a 60 percent opening for the sound. Four holes in the baffle shall allow mounting on an Dukane Backbox. The baffle weight shall be 7.5 ounces (210 g).

6A342B

The Flush Speaker Baffle shall be Dukane Model 6A342B or approved equal. The baffle shall be 12-7/8 inches (32.7 cm) in diameter, and the circular design shall match the surrounding motif. It shall be constructed of 22 gauge, cold-rolled steel, embossed with "Dukane," and finished in solid white. The surface shall be coated with a baked on powdered epoxy



that is highly resistant to scratches and other surface blemishes. It shall be predrilled to accept an 8-inch (20.3 cm) loudspeaker and mount on an Dukane Backbox. The baffle weight shall not exceed 20 ounces (560 g).

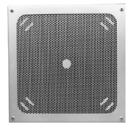
6A625A

The Flush Speaker Baffle shall be Dukane Model 6A625A or approved equal. The baffle shall be 12-3/4 inches (32.4 cm) in diameter, and the circular design shall match the surrounding motif. It shall be constructed of 22 gauge, cold-rolled steel, embossed with "Dukane," and finished with a baked on white powered epoxy. It shall mount on an 8-inch (20.3



cm) loudspeaker with concealed screws and provide a 60 percent opening for the sound. Four holes shall allow mounting on an Dukane Backbox. The baffle weight shall be 13 ounces (364 g).

The (wall, ceiling) Flush Speaker Baffle shall be Dukane Model 6A328 or approved equal. The baffle shall be constructed of steel and finished in flat white paint. The 8-inch (20.3 cm) loudspeaker shall be mounted on a separate steel plate to conceal the mounting screws. The speaker mounting plate and the baffle shall be predrilled to mount on an Dukane



Backbox. The baffle shall be 12-1/2 inches (31.8 cm) square, 3/16 inch (0.5 cm) deep, and weigh not more than 2-1/4 pounds (1 kg).

Speaker Baffle Assemblies

The speaker baffle assembly shall be Dukane Model 6A650 and shall be furnished and installed as indicated on the plans. The loudspeaker shall be an 8-inch (20.3 cm) seamless cone type, with an additional cone mounted in the



apex of the large cone to extend the high frequency response. The frequency range shall be from 30 to 20,000Hz. The normal wattage rating shall be 15 watts with a program power rating of 25 watts. The voice coil shall be 1 inch (2.5 cm) in diameter with an 8-ohm impedance. The ceramic magnet shall weigh at least 10 ounces (283 g). The axial sensitivity shall be 95dB. The assembly shall include a speaker baffle constructed of cold-rolled steel with white epoxy finish, and embossed with "Dukane." The assembly shall also include a universal matching transformer suitable for use on a 25-volt line with taps at 1/2, 1, and 2 watts or a 70-volt line with taps at 1/2, 1, 2, and 4 watts. The diameter of the assembly shall be 12-7/8 inches (32.7 cm) and shall not exceed 3 inches (7.6 cm) in depth. The net weight of the assembly shall not exceed 2 pounds, 12 ounces (1.2 kg).

6A630

The speaker baffle assembly shall be Dukane Model 6A630. (Insert Model 5A606 Engineers' Specifications here.) The baffle shall be 12-5/8 inches (32.1 cm) in diameter, 1/2 inch (1.3 cm) deep, and the circular design shall match the surrounding motif. It shall be molded of solid white, high impact styrene, highly resistant to scratches and mars. The baffle finish shall



accept any good latex paint to match the mounting surface where required. It shall mount the 8-inch (20.3 cm) loudspeaker with concealed screws and provide a 60 percent opening for sound. Four holes in the baffle shall allow it to be mounted on an Dukane backbox. The assembly shall have a net weight of 2 pounds, 11 ounces (1.2 kg).

6A633 Square Speaker Baffle Assembly

The speaker baffle assembly shall be Dukane Model 6A633. (Insert Model 5A606 Engineers' Specifications here.) The baffle shall be 12-1/2 inches (31.8 cm) square, 3/16 inch (0.5 cm) deep. It shall be constructed of steel, finished in flat white paint. The 8-inch (20.3 cm) loudspeaker shall be mounted on a separate steel plate to conceal the mounting screws. Four holes in the baffle shall allow it to be mounted on an Dukane backbox. The assembly shall have a net weight of 4 pounds, 8 ounces (2 kg).

6A634 Speaker Baffle Assembly

The speaker baffle assembly shall be Dukane Model 6A634. (Insert Model 5A606 Engineers' Specifications here.) The baffle shall be 12-7/8 inches (32.7 cm) in diameter, 3/8 inch (1 cm) deep, and the circular design shall match the surrounding motif. It shall be constructed of 22 gauge, cold-rolled steel, coated with a bakedon white powered epoxy that is highly resistant to scratches and mars. Four holes in the baffle shall allow it to be mounted on an Dukane backbox. The assembly shall have a net weight of 3 pounds, 8 ounces (1.6 kg).

6A635 and 6A636 Speaker Baffle Assembly With Volume Control The Speaker Baffle Assembly with Volume Control shall be Dukane Model 6A635 or 6A636. The 6A635 assembly shall be equipped with a recessed volume control, adjustable with a small screwdriver through a hole in the baffle. The 6A636 assembly shall be equipped with a volume control adjustable by a white knob on the center, front of the baffle.

The loudspeaker shall be an 8-inch (20.3 cm), eight-ohm, seamless cone type. The ceramic magnet shall weigh at least 4.8 ounces (134 g). The frequency response shall be 90 to 15,000Hz. The axial

sensitivity shall be 91dB at 3.3 feet (1 meter) for 1-watt input. The normal wattage rating shall be 8 watts with a program rating of 12 watts.

The voice coil diameter shall be 3/4 inch (1.9 cm). The depth shall be 2-3/4 inches (7 cm). All external parts shall be cadmium plated. The loudspeaker shall be equipped with a universal matching transformer suitable for use on a 25-volt output line with taps at 1/2, 1, or 2 watts or a 70-volt output line with taps at 1/2, 1, 2, or 4 watts.

The baffle shall be 12-5/8 inches (32.1 cm) in diameter, 1/2 inch (1.3 cm) deep, and the circular design shall match the surrounding motif. It shall be molded of solid white, high impact styrene,

highly resistant to scratches and mars. The baffle finish shall accept any good latex paint to match the mounting surface where required. It shall mount the 8-inch (20.3 cm) loudspeaker with concealed screws, and provide a 60 percent opening for the sound. Four holes in the baffle shall allow the assembly to be mounted on an Dukane Backbox. The assembly shall weigh 2 pounds, 12.5 ounces (1.3 kg).

Special Purpose Baffles

6L100

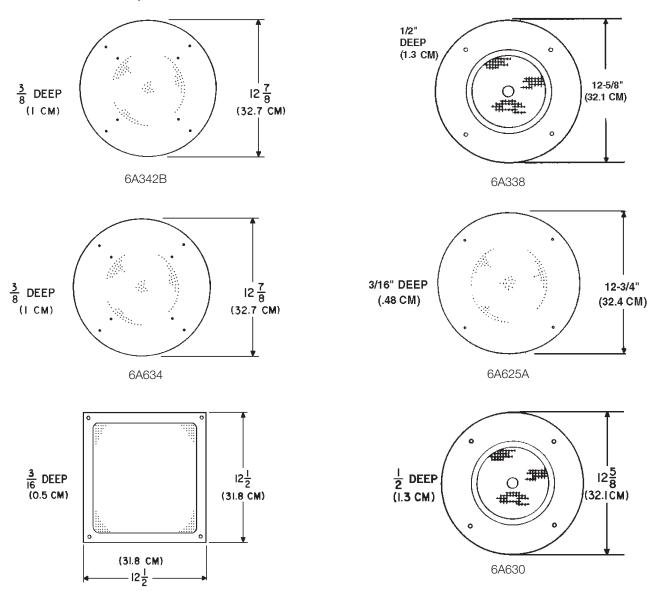
The Corridor Baffle shall be Dukane Model 6L100 or an approved equal. The baffle shall be constructed of reinforced aluminum with a brushed satin finish, and it shall be designed to project sound from an 8-inch (20.3 cm) loudspeaker from both sides of the baffle when mounted on



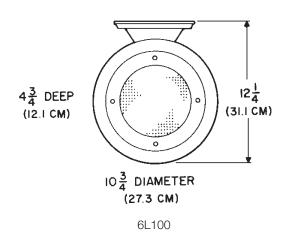
a ceiling or side wall. The baffle shall mount on a standard 4-inch (10.2 cm) by 4-inch (10.2 cm) outlet box, and shall not protrude more than 12-1/4 inches (31.1 cm) from the mounting surface. The unit shall be 10-3/4 inches (27.3 cm) in diameter and 4-3/4 inches (12.1 cm) deep, and shall weigh no more than 2 pounds (900 g).

Dimensions: Flush Speaker Baffles

6A633



Dimensions: Special Purpose Baffles



Sound Masking Speakers

6A530B Background Sound Masking Speaker Assembly

The Background Sound Masking Speaker Assembly shall be

Dukane Model 6A530B, or an approved equal, furnished and installed as indicated on the plans. The speakers shall be eight inch (20.3 cm), flame retardant, seamless cone type, mounted on a bidirectional configuration for optimum angular dispersion of the sound. The wiring of the speaker shall be capable of providing in-phase or out-



of-phase mode of operation. The 25 or 70.7 volt input shall be fed to a matching transformer with selectable output of 1/2, 1, 2 or 4 watts. The unit shall have a minimum sensitivity

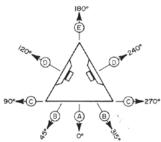
of 96 dB when measured at 1/3 octave readings between 200 and 4000 Hz at 1 meter. The speaker assembly shall be 13 inches (5.16 cm) wide, 11-3/4 inches (4.66 cm) high, 19 inches (7.54 cm) long and shall be prism shaped. The speaker assembly shall be constructed from 20 gauge steel and be finished in flat black. The weight shall be 15 pounds (6.7 kg).

Sensitivity

(Based on 1 watt per 1 m at 1/2 watt per speaker)

| 1/3 Octave C.F. | A | В | С | D | Ε |
|--------------------|------|------|----|-----|----|
| 125 | 82 | 80 | 86 | 86 | 83 |
| 160 | 90 | 89 | 91 | 92 | 89 |
| 200 | 93 | 98 | 97 | 98 | 96 |
| 250 | 94 | 101 | 95 | 100 | 98 |
| 315 | 90 | 95 | 92 | 97 | 97 |
| 400 | 93 | 92 | 98 | 95 | 95 |
| 500 | 92 | 90 | 97 | 93 | 95 |
| 630 | 93 | 91 | 95 | 91 | 93 |
| 800 | 90 | 91 | 96 | 94 | 92 |
| 1000 | 89 | 92 | 97 | 96 | 95 |
| 1250 | 89 | 91 | 95 | 95 | 92 |
| 1600 | 87 | 88 | 97 | 94 | 92 |
| 2000 | 89 | 94 | 98 | 100 | 93 |
| 2500 | 88 | 89 | 97 | 97 | 93 |
| 3150 | 86 | 89 | 95 | 98 | 93 |
| 4000 | 85 | 89 | 93 | 97 | 89 |
| 5000 | 83 | 85 | 92 | 95 | 83 |
| 6300 | 82 | 85 | 90 | 93 | 86 |
| 6300 | 82 | 85 | 90 | 93 | - |
| 200-4K av. | 90.1 | 92.2 | 95 | 96 | 93 |

| 1/3 Octave C.F. | Α | В | С | D |
|--------------------|-----|----|----|----|
| 125 | 86 | 87 | 85 | 83 |
| 160 | 92 | 89 | 89 | 88 |
| 200 | 98 | 95 | 94 | 93 |
| 250 | 100 | 90 | 92 | 91 |
| 315 | 97 | 86 | 87 | 86 |
| 400 | 95 | 95 | 95 | 92 |
| 500 | 94 | 94 | 97 | 97 |
| 630 | 92 | 93 | 94 | 95 |
| 800 | 93 | 94 | 94 | 95 |
| 1000 | 95 | 96 | 96 | 98 |
| 1250 | 95 | 92 | 92 | 91 |
| 1600 | 96 | 94 | 90 | 91 |
| 2000 | 98 | 93 | 89 | 92 |
| 2500 | 97 | 93 | 88 | 89 |
| 3150 | 98 | 90 | 86 | 86 |
| 4000 | 97 | 89 | 85 | 87 |
| 5000 | 95 | 86 | 84 | 82 |
| 6300 | 94 | 85 | 83 | 82 |
| 8000 | 93 | 85 | 80 | 78 |



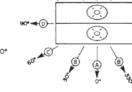
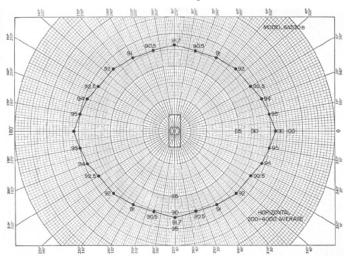


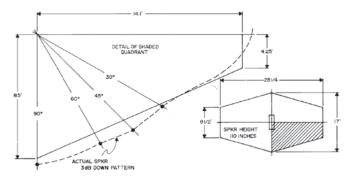
Figure 1: Horizontal Response Pattern

Figure 2 Vertical Response Pattern

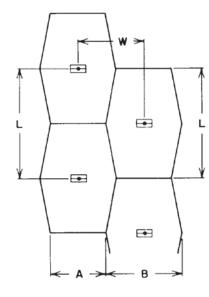
Horizontal Coverage Pattern



Pattern Configuration and Size



Suggested Speaker Layout



This diagram depicts an approximation of the area pattern configuration covered by 6A530B Sound Masking Speaker Assemblies. The individual speaker assemblies should be spaced so their coverage areas interlace and slightly overlap. Exact placement should be determined using the Speaker Layout Guide, Form No. 10007-J- 79. The dimensions A,B,L and W and an approximate coverage area in square feet are all derived from formulas which are a part of this form.

6A603 Sound Masking Speaker Assembly

The Sound Masking Speaker Assembly shall be Dukane Model

6A603. The assembly shall consist of dual 5-inch (12.7 cm) seamless cone, high efficiency speakers. The speakers are mounted in a bidirectional configuration on a folded aluminum baffle for optimum low frequency response from a minimum



installation height dimension. The assembly shall be wired for one common speaker matching transformer mounted on the baffle between the speakers.

The transformer shall be a dual voltage transformer to match 25- or 70-volt distribution lines and provide power taps of 1/2, 1, and 2 watts for the 25-volt line, and 1/2, 1, 2, and 4 watts for the 70-volt line. The speaker assembly shall be 12 inches (30.5 cm) wide by 25 inches (63.5 cm) long by 6 inches (15.2 cm) high. The folded aluminum baffle shall be finished in natural aluminum and shall weigh 4-1/2 pounds (2 kg). The assembly shall be capable of being suspended from chains on "S" hooks provided or rested on plastic foam strips on the bottom of the baffle. Any installation can be customized to any configuration to conform to local requirements.

Sensitivity

(Based on 1 watt per 1 m at 1/2 watt per speaker)

| 4/0.0-4 | | | | | | |
|-----------------------|---|--|---|---|-------------------|--------|
| C.F. | A | В | С | D | | |
| 125 | 85 | 83 | 75 | 73 | 1 | |
| 160 | 89 | 88 | 84 | 76 | 1 | |
| 200 | 90 | 87 | 85 | 77 | 1 | |
| 250 | 93 | 91 | 83 | 77 | 1 | |
| 315 | 96 | 92 | 89 | 82 | 1 | |
| 400 | 100 | 97 | 90 | 87 | 1 | |
| 500 | 102 | 98 | 92 | 87 | 1 | |
| 630 | 99 | 97 | 92 | 88 | 1 | |
| 800 | 94 | 94 | 88 | 86 | 1 😤 | |
| 1000 | 95 | 94 | 86 | 83 | 1ĕ | |
| 1250 | 97 | 94 | 85 | 86 | 1ă | |
| 1600 | 101 | 93 | 92 | 91 | 1 | |
| 2000 | 104 | 93 | 98 | 91 | 1 | |
| 2500 | 98 | 97 | 96 | 93 | 1 | |
| 3150 | 97 | 97 | 91 | 92 | 1 | |
| 4000 | 97 | 94 | 87 | 89 |] | |
| 5000 | 97 | 90 | 85 | 90 | | |
| 6300 | 91 | 85 | 80 | 83 | 1 | |
| 8000 | 85 | 74 | 75 | 76 |] | |
| | | | | |] | |
| ى 200 to 4K Avg. 0 | 97.4 | ∯ 8 O° | 89.6 | | | |
| | B | A | B | 0 | 240° | Hertz |
| - D- | 5 | 7 | == | <u> </u> | ➤ 270° | |
| , , © | B | A O° | B | O. | ³0 ₀ 。 | |
| | 125 160 200 250 315 400 500 630 800 1000 1250 2500 3150 4000 5000 6300 8000 4000 4000 5000 6300 8000 6300 8000 6300 8000 6300 8000 6300 63 | C.F. 125 85 160 89 200 90 250 93 315 96 400 100 630 99 800 94 1000 95 1250 97 1600 101 2000 104 2500 98 3150 97 4000 97 5000 97 5000 97 6300 91 8000 85 | C.F. 25 85 83 160 89 88 200 90 87 250 93 97 400 100 97 500 102 98 630 99 97 1250 97 97 1600 101 93 2500 98 97 3150 97 97 4000 97 94 5000 97 94 5000 97 94 5000 97 94 5000 97 94 5000 97 90 6300 90 90 90 90 90 90 90 | C.F. 2 125 86 83 75 160 89 88 84 200 90 87 85 250 93 91 83 315 96 92 89 400 100 97 90 500 102 98 92 630 99 97 92 800 94 94 88 1250 97 94 85 1250 97 94 85 1250 97 94 85 1250 97 94 85 1250 97 94 85 1250 97 94 85 1250 97 94 85 1250 97 94 85 1250 97 94 85 1250 97 97 97 4000 97 94 87 5000 97 90 85 5000 97 90 85 6300 97 97 97 200 to 3 97 98 200 to 3 98 | C.F. 2 | C.F. 2 |

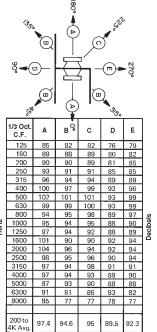
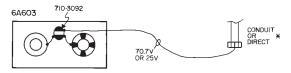


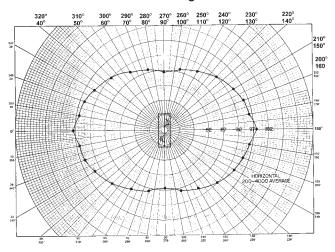
Figure 1: Horizontal Response Pattern

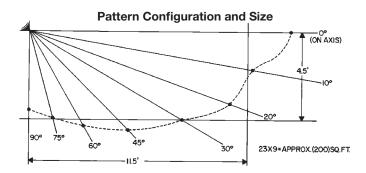
Figure 2 Vertical Response Pattern

Single Transformer Mounted on Baffle Installation Configuration



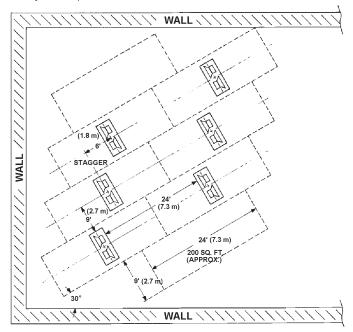
Horizontal Coverage Pattern





Best Unobstructed Pattern

Best unobstructed pattern configuration is obtained with baffles at uniform 30° angle to sidewalls and staggered as shown in above diagram. Each baffle assembly will provide coverage of approximately 200 square feet.



Specifications

| 6A603 Sound Masking Speaker Assembly | | |
|--------------------------------------|--|--|
| Construction | .032" (.81 mm) aluminum | |
| Horizontal Response | See Figure 1 | |
| Response Pattern | 9' by 23' (2.7 m x 7 m) rectangle (approx.) at least 200 square feet (18 sq. m) | |
| Vertical Response | See Figure 2 | |
| Sensitivity | 97.5dB at average 1/3 octave readings between 200Hz and 400Hz at 3.3" (1 m) and .5W per speaker | |
| Mounting | "S" hooks for suspending assembly from chains; plastic foam strips on bottom of each end for resting baffle on ceiling | |
| Finish | Natural aluminum | |
| Dimensions | 12" by 25" x 6" (30.5 cm x 63.5 cm x 15.2 cm) | |
| Weight | 4-1/2 lb (2 kg) | |

| 6A530B Background Sound Masking Speaker Assembly | | |
|--|--|--|
| Sensitivity | 96 dB average 1/3 octave readings between 200 and 4000 Hz at 1 meter and .5 watts/speaker. | |
| Construction | 20 gauge steel. | |
| Cubic Content | 0.8 feet (241 mm). | |
| Finish | Flat black. | |
| Terminations | Pigtails. | |
| Mounting | "S" hooks and chain (chain not supplied with unit). | |
| Dimensions | 13" (5.16 cm) wide, 11-3/4" (4.66 cm) high, 19" (7.54 cm) long. (Prism shaped.) | |
| Weight | 15 pounds (6.75 kg). | |

| 6L100 Corridor Baffle | |
|-----------------------|--|
| For Speakers | Dukane 8" (20.3 cm) speakers |
| Finish | Brushed, satin-finished aluminum |
| Net Weight | 2 lb (900 g) |
| Dimensions | 4" (10.2 cm) by 4" (10.2 cm) |
| Backbox Required | 4" (10.2 cm) by 4" (10.2 cm) standard outlet box |

| Flush Speaker Baffles | 6A338 | 6A342B | 6A625A | 6A328 | |
|-------------------------------|--------------------------------------|---|---------------|--------------------|--|
| Speakers | For use with speakers 5A606 or 5A607 | | | | |
| Recommended Backbox Number | 145-226 or 8A301 | | | 145-222 or 145-223 | |
| Finish | Solid white | 22 gauge, cold- rolled steel, embossed with "Dukane," finished with a baked-on white powdered epoxy | | Flat White | |
| Suspended Ceiling Channel | | | | | |
| Net Weight | 7.5 oz (210 g) | 20 oz (560 g) | 13 oz (364 g) | 36 oz (1021 g) | |

| Speaker Baffle Assembly | 6A650 | 6A635, 6A636 (with volume control) | |
|----------------------------|---|---|--|
| Speaker Diameter | 8" (20.3 cm) | 8" (20.3 cm) PM type | |
| Overall Dimensions | 12-7/8" (32.7 cm) diameter, 3" (7.6 cm) deep | 12-5/8" (32.1 cm) in diameter, 3-1/4" (8.3 cm) deep | |
| Frequency Range | 30 to 20,000Hz | - | |
| Frequency Response | - | 90-15,000Hz | |
| Finish | Cold rolled 22 gauge steel, embossed with "Dukane," finished with a baked on white powdered epoxy | Cadmium plated with solid white, molded, high impact styrene baffle | |
| Control | - | Potentiometer, 50W, wire wound | |
| Power Rating | 15W normal, 25W program | 8W normal, 12 W program | |
| Terminations | Transformer leads | | |
| Voice Coil Impedance | 80 | hms | |
| Transformer Taps | 25V: 1/2, 1, and 2W; 70V: 1/2, 1, 2, and 4W | | |
| Voice Coil Diameter | 1" (2.5 cm) | 3/4" (2 cm) | |
| Net Weight | 2 lb, 12 oz (1.2 kg) | 2 lb, 12.5 oz (1.3 kg) | |
| Magnet Assembly | 10 oz (283 g), ceramic 4.8 oz (134 g), ceramic | | |
| Associated Equipment | 145-226 Backbox | | |
| | 677-67 Suspended Ceiling Support Channel | | |
| Axial Sensitivity | 95dB (1 m [3.3 ft]/1W) | 91dB at 1 m (3.3 ft)/ 1W input | |

| Speaker Baffle Assembly | 6A634 | 6A630 | 6A633 |
|-------------------------------|---|--|--------------------------|
| Speaker | 5A606 | 5A606 | 5A606 |
| Baffle | 6A342B | 6A338 | 6A328 |
| Baffle Finish | Steel coated with baked-on white powdered epoxy | Solid white, molded, high impact styrene | Steel painted flat white |
| Baffle Assembly Net Weight | 3 lb, 8 oz (1.6 kg) | 2 lb, 11 oz (1.2 kg) | 4 lb, 8 oz (2 kg) |
| Recommended Backbox Number | 145-226 | | 145-222 or 145-223 |

Ordering Information

| Model | Description |
|--------|--|
| 6A328 | Flush (wall or ceiling) square speaker baffle, 121/2 inch square, white. |
| 6A338 | Flush (wall, ceiling) Speaker Baffle, 12-5/8 in. (32.1 cm) dia. White. |
| 6A342B | Flush Speaker Baffle, 12-7/8 in. (32.7 cm) dia. White. |
| 6A625A | Flush Speaker Baffle, 12-3/4 inches (32.4 cm) in diameter. White. |
| 6A634 | Speaker Baffle Assembly, Steel coated with baked-on white powdered epoxy |
| 6A630 | Speaker Baffle Assembly, Solid white, molded, high impact styrene |
| 6A633 | Speaker Baffle Assembly, Steel painted flat white |
| 6A635 | Speaker Baffle Assembly with recessed volume control |
| 6A636 | Speaker Baffle Assembly with volume control knob |
| 6A650 | Speaker Baffle Assembly |
| 6A530B | Background Sound Masking Speaker Assembly |
| 6A603 | Sound Masking Speaker Assembly |
| 6L100 | Corridor Baffle, brushed, satin-finished aluminum. No back box required. |



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