

CORAL

NATURALLY BEAUTIFUL

SPEAKER- COMPONENTS.

Speaker systems. Speaker units. Stereo headphones. Stereo cartridges.
Speaker system kits. Enclosure kits.
Option parts.

*Hersteller
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CORAL AUDIO CORPORATION

30cm (12") 3-WAY
3-SPEAKER SYSTEM

CX-77

• Type: Bass-reflex. Speakers: 30cm (12") woofer, 5cm (2") titanium dome squawker, 2cm (3/4") hard dome tweeter • Impedance: 8Ω • Program source input: 80W • Frequency response: 30~40,000Hz • Output sound pressure level: 94dB • Crossover frequency: 700Hz, 7,000Hz • Dimensions: 390mm (15-3/8")W x 650mm (25-9/16") H x 320mm (12-5/8")D • Weight: 22kg (48.4 lbs) Finish: UV coating

30cm (12") 3-WAY
3-SPEAKER SYSTEM

CX-7A

• Type: Air-tight • Speakers: 30cm (12") woofer, soft dome squawker, hard dome super tweeter • Impedance: 8Ω • Program source input: 80W • Frequency response: 35~40,000Hz • Output sound pressure level: 93dB • Crossover frequency: 1,500Hz, 3,000Hz • Dimensions: 350mm (13-13/16")W x 580mm (22-13/16")H x 314mm (12-6/16")D • Weight: 17kg (3.74 lbs) Finish: Rosewood

CX-7 MARK II

Model	Finish	Grille
WS	Walnut	See through
WC	Walnut	Cloth
BS	Black	See through
BC	Black	Cloth

25cm (10") 3-WAY
3-SPEAKER SYSTEM

CX-5A

• Type: Air-tight • Speakers: 25cm (10") woofer, 5cm (2") dome squawker, 1.7cm (11/16") dome tweeter • Impedance: 8Ω • Program source input: 60W • Frequency response: 40~25,000Hz • Output sound pressure level: 92 dB • Crossover frequency: 900Hz, 7,000Hz • Dimensions: 325mm (12-13/16")W x 560mm (22-1/16")H x 400mm (12-7/16")D • Weight: 15kg (33 lbs) • Finish: Royal cherry

CX-5 MARK II

Model	Finish	Grille
WS	Walnut	See through
WC	Walnut	Cloth
BS	Black	See through
BC	Black	Cloth

20cm (8") 2-WAY
2-SPEAKER SYSTEM

CX-3

• Type: Special bass-reflex • Speakers: 20cm (8") woofer, 6.5cm (2-9/16") cone tweeter • Impedance: 8Ω • Program source input: 50W • Frequency response: 35~20,000Hz • Output sound pressure level: 92dB • Crossover frequency: 2,500Hz • Dimensions: 320mm (12-5/8")W x 620mm (24-7/16")H x 400mm (15-6/18")D • Weight: 21kg (46.2 lbs) • Finish: Urethan metallic



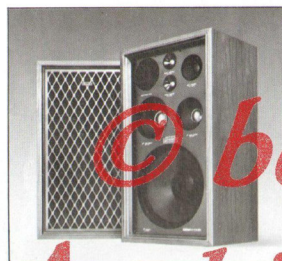
CX-3B

• Finish: Black



30cm (12") 3-WAY
6-SPEAKER SYSTEM
BX-5000

• Type: Bass-reflex • Speakers: two 30cm (12") woofers, two 16cm (6-1/2") cone squawkers and two horn tweeters • Impedance: 8Ω • Program source input: 200W • Frequency response: 25~22,000 Hz • Output sound pressure level: 95dB • Crossover frequency: 800Hz, 6500 Hz • Dimensions: 879mm (34-5/8")W x 717mm (28-1/4")H x 450mm (17-3/4")D • Weight: 55kg (121.5 lbs) • Others: with caster wheels • Finish: Walnut



30cm (12") 5-WAY
6-SPEAKER SYSTEM
BX-1201

• Type: Bass-reflex • Speakers: 30cm (12") woofer, 16cm (6-1/2") & 12cm (5") cone squawker 9cm (3-1/2") cone tweeter • Horn tweeters • Impedance: 8Ω • Program source input: 100W • Frequency response: 30~25,000Hz • Output sound pressure level: 96 dB • Crossover frequency: 800Hz, 1,000Hz, 5,000Hz, 7,000Hz • Dimensions: 1,270mm (50-1/2")H x 656mm (25-7/16")W x 290mm (11-3/8")D • Weight: 20kg (44 lbs)



30cm (12") 3-WAY
4-SPEAKER SYSTEM

BX-1105S

• Type: Closed type • Speakers: 30cm (12") woofer, 12cm (5") cone squawker, two 6.5cm (2-1/2") cone tweeters • Impedance: 8Ω • Program source input: 60W • Frequency response: 35~25,000Hz • Output sound pressure level: 96dB • Crossover frequency: 2,000Hz, 10,000Hz • Dimensions: 355mm (14")W x 620mm (24-7/16")H x 290mm (11-7/16")D • Weight: 14.5kg (31.9 lbs)

25cm (10") 3-WAY
3-SPEAKER SYSTEM

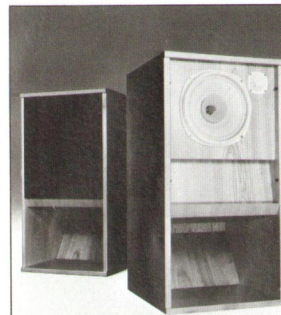
BX-1005S

• Type: Bass-reflex • Speakers: 25cm (10") woofer, 10cm (4") cone squawker, 6.5cm (2-1/2") cone tweeter • Impedance: 8Ω • Program source input: 50W • Frequency response: 35~25,000Hz • Output sound pressure level: 96dB • Crossover frequency: 4,000Hz, 8,000Hz • Dimensions: 330mm (13")W x 540mm (21-1/4")H x 255mm (10")D • Weight: 9.8kg (21.6 lbs)

20cm (8") 3-WAY
3-SPEAKER SYSTEM

BX-805S

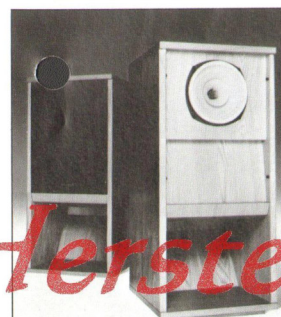
• Type: Bass-reflex • Speakers: 20cm (8") woofer, 10cm (4") cone squawker, 6.5cm (2-1/2") cone tweeter • Impedance: 8Ω • Program source input: 35W • Frequency response: 40~22,000Hz • Output sound pressure level: 94dB • Crossover frequency: 4,000Hz, 8,000Hz • Dimensions: 468mm (18-7/16")W x 294mm (11-5/8")H x 255mm (10")D • Weight: 8.1kg (17.8 lbs)



BACK LOADING HORN
SPEAKER SYSTEM

BL-25D

• Type: Constant wide back loading horn • Speakers: BETA-10 25cm (10") full range, H-24 horn type • Impedance: 8Ω • Program source input: 40W • Output sound pressure level: 101dB • Crossover frequency: 6,000Hz • Dimensions: 450mm (17-3/4")W x 880mm (34-11/16")H x 440mm (17-3/8")D • Weight: 36kg (79.2 lbs)



BACK LOADING HORN
SPEAKER SYSTEM

BL-20D

• Type: Constant wide back loading horn • Speakers: BETA-8 20cm (8") full range • Impedance: 8Ω • Program source input: 30W • Output sound pressure level: 100dB • Dimensions: 400mm (15-3/4")W x 880mm (34-1/16")H x 400mm (15-3/4")D • Weight: 30.5kg (67.1 lbs)

25cm (10") FULL RANGE
SPEAKER SYSTEM

FX-10

• Type: Bass-reflex • Speaker: HF-60 (10cm (4")) full range • Impedance: 8Ω • Program source input: 60W • Frequency response: 40~20,000Hz • Output sound pressure level: 94dB • Dimensions: 390mm (15-3/8")W x 890mm (35-1/16")H x 325mm (12-13/16")D • Weight: 26kg (57.2 lbs)

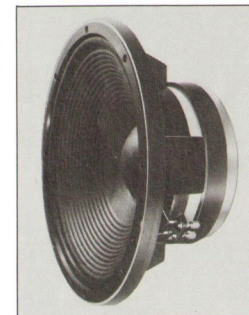


38cm (15") 3-WAY
3-SPEAKER SYSTEM

X-15

• COMPONENTS USED: 38cm (15") Woofer; 15L-100, Driver Unit; M-100, Straight Horn; AH-503, Acoustic Lens; AL-603, Horn Tweeter; H-100, Tweeter Mounting Flange; AD-3, Dividing Network; NW-800 & NW-7,000, Attenuator (2 pcs.); type, AT-100

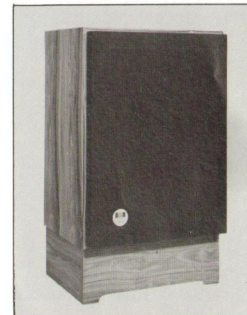
• Response: 30 ~ 30,000 Hz • Impedance: 8 ohm • Power Handling Capacity: 150W (Music Program), 75W (RMS) • Sound Pressure Level: 97 dB • Crossover Frequency: 800 Hz, 7,000 Hz • Enclosure type: Bass-reflex • Dimension: 590 mm (23-1/4") W x 850 mm (33-1/2") H x 590 mm (23-1/4") D • Weight: 77 Kg (169.4 lbs) • Finish: Walnut



38cm (15") WOOFER

15L-100

• Impedance: 8 or 16Ω • Program source input: 150W • Frequency response: 60~1,500Hz • Lowest resonance frequency: 25Hz • Total magnetic flux: 532,000 Maxwell • Weight: 15.3kg (33.66 lbs)



170L BASS-REFLEX ENCLOSURE
(One unit with Saran net and speaker stand)

B-170

• Applicable unit: 15L-100 • Main material: Oregon pine plywood • Input circuit: Two systems equipped with independent terminals • Dimension: 600mm (23-5/8")W x 1,000mm (39-1/2")H x 525mm (20-1/16")D • Weight: 34kg (74.8 lbs) without speaker stand



DRIVER UNIT

M-100

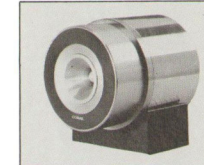
• Impedance: 8 or 16Ω • Program source input: 150W • Rated input: 50W r.m.s. • Frequency response: 500Hz~18,000Hz • Output sound pressure level (When mounted on AH-500): 105dB • Magnetic flux density: 19,000 gauss • Magnet: NKS-SDC 1kg (2.2 lbs) • Throat dia: 25.4mm (1") • Dimensions: 116mmφ (4-9/16") x 104mm (4-1/8")D • Weight: 4.2kg (9.24 lbs)



DRIVER UNIT

M-103

• Impedance: 8 or 16Ω • Program source input: 100W • Rated input: 30W r.m.s. • Frequency response: 500Hz~18,000Hz • Output sound pressure level (When mounted on AH-501): 104dB • Magnetic flux density: 18,000 gauss • Throat dia: 25.4mm (1") • Dimensions: 120mmφ (4-3/4") x 74mm (2-15/16")D • Weight: 3.3kg (7.26 lbs)



HORN TWEETER

H-100

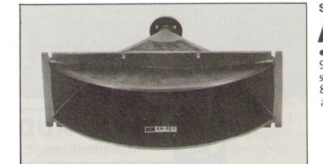
• Impedance: 8Ω • Program source input: 30W • Frequency response: 7,000Hz~30,000Hz • Output sound pressure level: 110dB • Magnetic flux density: 19,500 gauss • Voice coil diameter: 18mmφ (7/8") • Dimensions: 98mm (3-7/8") x 115mm (4-1/2")D • Weight: 3.8kg (8.36 lbs)



SECTORAL HORN

AH-500

• Flare cut: 250Hz • Dispersion angles: 90° horizontal, 40° vertical • Dimensions: 750mm (29-1/2")W x 180mm (7-1/16")H x 581mm (22-7/8")D • Weight: about 15kg (33 lbs)



SECTORAL HORN

AH-501

• Flare cut: 350Hz • Dispersion angles: 90° horizontal, 40° vertical • Dimensions: 550mm (21-5/8")W x 184mm (7-2/8")H x 390mm (15-3/8")D • Weight: about 8.6kg (18.92 lbs)

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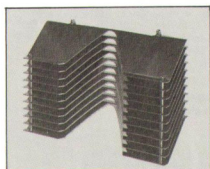
AL SERIES

**SECTORAL HORN
AH-502**

• Flare cut: 400Hz • Dispersion angles: 90° horizontal, 40° vertical • Dimensions: 436mm (17-3/4")W x 183mm (7-3/16")H x 324mm (12-3/4")D • Weight: about 5.5kg (12.1 lbs)

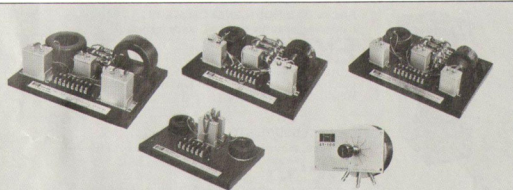
**STRAIGHT HORN
AH-503**

• Optimum crossover: 800Hz • Dimensions: 158mmφ (6-1/4") x 220mm (8-5/8")D



**ACOUSTIC LENS KIT (one pair)
AL-603**

• Dispersion angles: 80° horizontal, 45° vertical • Effective frequency: Over 2,500Hz • Applicable horn throat dia: 100mmφ (3-15/16") • Dimensions: 245mm (9-5/8")W x 168mm (6-5/8")H x 72mm (2-13/16")D • Weight: 650g (1.43 lbs)



2-WAY DIVIDING NETWORK NW-500

• Impedance: 8Ω • Max. input: 200W • Crossover: 500Hz • Damping: 12dB/oct • Dimensions: 310mm (12-3/16")W x 115mm (4-1/2")H x 220mm (8-5/8")D • Weight: 4.1kg (9.02 lbs) • May be used in combination with the NW-7000 to form a 3-way system.

2-WAY DIVIDING NETWORK NW-800

• Impedance: 8Ω • Max. input: 200W • Crossover: 800Hz • Damping: 12dB/oct • Dimensions: 310mm (12-3/16")W x 110mm (4-1/2")H x 220mm (8-5/8")D • Weight: 4.1kg (9.02 lbs)

2-WAY DIVIDING NETWORK NW-1200

• Impedance: 8Ω • Max. input: 200W • Crossover: 1,200 Hz • Damping: 12 dB/oct • Dimensions: 310 mm (12-3/16") W x 90 mm (3-9/16") H x 220 mm (8-5/8") D • Weight: 2.65 Kg (5.83 lbs)

2-WAY DIVIDING NETWORK NW-7000

• Impedance: 8Ω • Max. input: 200W • Crossover: 7,000Hz • Damping: 12dB/oct • Dimensions: 220mm (8-5/8")W x 87mm (3-7/16")H x 150mm (5-7/8")D • Weight: 1kg (2.2 lbs)

LEVEL CONTROLLER AT-100

• Impedance: 8Ω • Max. input: 100W • Swing angle: 300° • Mounting hole dia: 9mmφ

HORN ADAPTOR AD-1

• Used for mounting 511B or 811B ALTEC horn on the M-100 or M-103.

HORN ADAPTOR AD-2

• Used for mounting a self-made horn to M-100 or M-103

MOUNTING FLANGE AD-3

• Used for mounting the H-100 horn to an enclosure

HORN STAND BS-4

• Supports the neck of sectoral horn • Base dimensions: 120mm (4-3/4") x 60mm (2-3/8")

FULLRANGE SPEAKER UNITS



**25cm (10") FULL RANGE SPEAKER
10F-60**

• Impedance: 8Ω • Program source input: 60W • Frequency response: fo~20,000Hz • Lowest resonance frequency: 30Hz • Output sound pressure level: 94dB • Total magnetic flux: 210,000 maxwell • Weight: 6.8kg (14.96 lbs)



**20cm (8") FULL RANGE SPEAKER
8F-60**

• Impedance: 6Ω • Program source input: 40W • Frequency response: fo~20,000Hz • Lowest resonance frequency: 35Hz • Output sound pressure level: 93dB • Total magnetic flux: 175,000 maxwell • Weight: 5.2kg (11.44 lbs)



**16cm (6-1/2") FULL RANGE SPEAKER
6F-60**

• Impedance: 8Ω • Program source input: 35W • Frequency response: fo~20,000Hz • Lowest resonance frequency: 45Hz • Output sound pressure level: 93dB • Total magnetic flux: 170,000 maxwell • Weight: 3.1kg (6.82 lbs)



**25cm (10") FULL RANGE SPEAKER
BETA-10**

• Impedance: 8Ω • Program source input: 40W • Frequency response: 25~20,000Hz • Lowest resonance frequency: 25~40Hz • Output sound pressure level: 97dB • Magnetic flux density: 15,500 gauss • Weight: 4.6kg (10.12 lbs)



**20cm (8") FULL RANGE SPEAKER
BETA-8**

• Impedance: 8Ω • Program source input: 35W • Frequency response: 30~20,000Hz • Lowest resonance frequency: 40~45Hz • Output sound pressure level: 95dB • Magnetic flux density: 15,500 gauss • Weight: 4.0kg (8.82 lbs)



**16cm (6-1/2") FULL RANGE SPEAKER
BETA-6**

• Impedance: 8Ω • Program source input: 30W • Frequency response: 40~20,000Hz • Lowest resonance frequency: 40~60Hz • Output sound pressure level: 93dB • Magnetic flux density: 12,300 gauss • Weight: 1.42kg (3.13 lbs)



**25cm (10") FULL RANGE SPEAKER
FLAT-10II**

• Impedance: 8Ω • Program source input: 55W • Frequency response: fo~20,000Hz • Lowest resonance frequency: 35Hz • Output sound pressure level: 96dB • Magnetic flux density: 12,000 gauss • Weight: 2.8kg (6.16 lbs)



**20cm (8") FULL RANGE SPEAKER
FLAT-8II**

• Impedance: 8Ω • Program source input: 35W • Frequency response: fo~20,000Hz • Lowest resonance frequency: 40Hz • Output sound pressure level: 95dB • Magnetic flux density: 12,000 gauss • Weight: 2kg (4.4 lbs)



**16cm (6-1/2") FULL RANGE SPEAKER
FLAT-6II**

• Impedance: 8Ω • Program source input: 30W • Frequency response: fo~20,000Hz • Lowest resonance frequency: 45Hz • Output sound pressure level: 92dB • Magnetic flux density: 11,000 gauss • Weight: 1.4kg (3.08 lbs)



**12cm (5") FULL RANGE SPEAKER
FLAT-5II**

• Impedance: 8Ω • Program source input: 20W • Frequency response: fo~18,000Hz • Lowest resonance frequency: 70Hz • Output sound pressure level: 91dB • Magnetic flux density: 11,000 gauss • Weight: 0.75kg (1.65 lbs)



**30cm (12") FULL RANGE SPEAKER
12A-66**

• Impedance: 8Ω • Program source input: 30W • Frequency response: 40~18,000Hz • Lowest resonance frequency: 40Hz • Output sound pressure level: 97dB • Total magnetic flux: 149,000 Maxwell • Weight: 3.14kg (6.908 lbs)



**30cm (12") FULL RANGE SPEAKER
12A-55**

• Impedance: 8Ω • Program source input: 30W • Frequency response: 40~18,000Hz • Lowest resonance frequency: 40Hz • Output sound pressure level: 97dB • Total magnetic flux: 98,000 Maxwell • Weight: 2.04kg (4.488 lbs)



**25cm (10") COAXIAL FULL RANGE SPEAKER
10CX-501**

• Impedance: 8Ω • Program source input: 25W • Frequency response: 25~20,000Hz • Lowest resonance frequency: 25~40Hz • Output sound pressure level: 96dB • Total magnetic flux: 165,000 maxwell • Weight: 4.5kg (9.9 lbs)



**20cm (8") COAXIAL FULL RANGE SPEAKER
8CX-501**

• Impedance: 8Ω • Program source input: 20W • Frequency response: 30~25,000Hz • Lowest resonance frequency: 30~45Hz • Output sound pressure level: 94dB • Total magnetic flux: 135,000 maxwell • Weight: 3.1kg (6.82 lbs)



**16cm (6-1/2") COAXIAL FULL RANGE SPEAKER
6CX-501**

• Impedance: 8Ω • Program source input: 15W • Frequency response: 40~25,000Hz • Lowest resonance frequency: 40~60Hz • Output sound pressure level: 92dB • Total magnetic flux: 65,000 maxwell • Weight: 1.12kg (2.462 lbs)



**10cm (4") FULL RANGE SPEAKER
4A-60**

• Impedance: 8 or 16Ω • Program source input: 16W • Frequency response: fo~18,000Hz • Lowest resonance frequency: 80Hz • Output sound pressure level: 91dB • Total magnetic flux: 51,100 maxwell • Weight: 560g (1.232 lbs)

WOOFER UNITS



**38cm (15") WOOFER
15L-2**

• Impedance: 8Ω • Program source input: 25W • Frequency response: fo~2,500Hz • Lowest resonance frequency: 35Hz • Output sound pressure level: 99dB • Total magnetic flux: 30,000 maxwell • Weight: 7.5kg (16.5 lbs)



**30cm (12") WOOFER
12L-1**

• Impedance: 8Ω • Program source input: 25W • Frequency response: fo~2,500Hz • Lowest resonance frequency: 40Hz • Output sound pressure level: 100dB • Total magnetic flux: 300,000 maxwell • Weight: 6.8kg (14.96 lbs)



**30cm (12") WOOFER
12L-60**

• Impedance: 8Ω • Program source input: 80W • Frequency response: fo~2,500Hz • Lowest resonance frequency: 27Hz • Output sound pressure level: 95dB • Total magnetic flux: 268,000 maxwell • Weight: 6.5kg (14.3 lbs)



**25cm (10") WOOFER
10L-60**

• Impedance: 8Ω • Program source input: 60W • Frequency response: fo~5,000Hz • Lowest resonance frequency: 28Hz • Output sound pressure level: 94dB • Total magnetic flux: 160,000 maxwell • Weight: 4.5kg (9.9 lbs)

SQUAWKERS



**DOMESQUAWKER
MD-60**

• Impedance: 8Ω • Program source input: 50W • Frequency response: 1,500~15,000Hz • Crossover frequency: Over 1,500Hz (12dB/oct) • Output sound pressure level: 94dB • Magnetic flux density: 13,000 gauss • Weight: 1.2kg (2.64 lbs)



**DOMESQUAWKER
MD-4**

• Impedance: 8Ω • Program source input: 60W • Frequency response: 650 ~ 10,000Hz • Crossover frequency: Over 650Hz (12 dB/oct) • Output sound pressure level: 93 dB • Magnetic flux density: 16,500 gauss • Weight: 1.65 kg (3.63 lbs)



**DOMESQUAWKER
H-25**

• Impedance: 8Ω • Program source input: 20W • Frequency response: 2,500~15,000 Hz • Crossover frequency: Over 2,500 Hz (12 dB/oct) • Output sound pressure level: 94dB • Magnetic flux density: 12,500 gauss • Weight: 1.25 kg (2.75 lbs)

TWEETER UNITS



**HORN TWEETER
H-1**

• Impedance: 8Ω • Program source input: 20W • Frequency response: 1,500~20,000 Hz • Crossover frequency: Over 2,500Hz • Output sound pressure level: 102dB • Total magnetic flux: 50,000 maxwell • Magnetic flux density: 17,000 gauss • Weight: 1.2kg (2.64 lbs)



**HORN TWEETER
H-50 H-51**

• Impedance: 8Ω • Program source input: 15W • Frequency response: 2,000~20,000 Hz • Output sound pressure level: 102dB • Magnetic flux density: 10,000 gauss • Weight: 0.8kg (1.76 lbs)



**HORN TWEETER
H-60 H-24A**

• Impedance: 8Ω • Program source input: 15W • Frequency response: 5,000~22,000 Hz • Crossover Frequency: Over 5,000Hz (12dB/oct) • Output sound pressure level: 107dB • Magnetic flux density: 16,000 gauss • Weight: 0.62kg (1.364 lbs)



**DOMESQUAWKER
HD-60**

• Impedance: 8Ω • Program source input: 50W • Frequency response: 8,000~40,000 Hz • Crossover frequency: Over 8,000Hz (12dB/oct) • Output sound pressure level: 96dB • Magnetic flux density: 13,000 gauss • Weight: 0.4kg (0.88 lbs)



**DOMESQUAWKER
MHD-55**

• Impedance: 8Ω • Program source input: 50W • Frequency response: 2,000~20,000 Hz • Crossover frequency: Over 2,000Hz (12dB/oct) • Output sound pressure level: 94dB • Magnetic flux density: 14,000 gauss • Weight: 1.0kg (2.2 lbs)



**ACOUSTIC LENS KIT (one pair)
AL-601**

• Dispersion angles: 80° horizontal, 45° vertical • Applicable horn throat dia: 60mmφ (2-3/8") • Dimensions: 92mm (3-5/8")H x 130mm (5-1/8")W x 35mm (1-3/8")D • Weight: 130g (0.286 lbs)

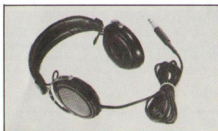


**DOMESQUAWKER
H-22**

• Impedance: 8Ω • Program source input: 50W • Frequency response: 2,000~16,000 Hz • Crossover frequency: Over 4,000Hz (12dB/oct) • Magnetic flux density: 10,000 gauss • Output sound pressure level: 91dB • Total magnetic flux: 48,000 maxwell • Weight: 0.4kg (0.88 lbs)

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STEREO HEADPHONES



STEREO HEADPHONES

E-80

- Type: High Velocity • Frequency response: 20~20,000 Hz • Matching impedance: 4~200Ω
- Allowable input: 500 mW • Connecting cord: 2.5m (straight) • Weight: 240g (0.528 lbs) without cord



STEREO HEADPHONES

E-80VR

with volume control



STEREO HEADPHONES

E-62

- Type: velocity • Frequency response: 20~20,000Hz • Matching impedance: 4~200Ω
- Allowable input: 500mW • Connecting cord: 2.5m (straight) • Weight: 220g (0.48 lbs) without cord



STEREO HEADPHONES

E-63

- Type: velocity • Frequency response: 20~20,000Hz • Matching impedance: 4~200Ω
- Allowable input: 500mW • Connecting cord: 2.5m (straight) • Weight: 250g (0.55 lbs) without cord

DIVIDING NETWORKS

AUDIO FILTER

- AF-2000H AF-3000H AF-4000H AF-5000H AF-6000H AF-7000H
- AF-8000H AF-2000L AH-3000L AH-4000L AH-5000L AF-6000L AF-7000L • AF-8000L

Letters at the end of model numbers: "H" stands for high-pass filter, and "L" for low-pass filter. Numbers indicate cutoff frequencies (12dB/oct)



LEVEL CONTROLLERS



LEVEL CONTROLLER AT-50

- Impedance: 8kΩ • Max. input: 50W • Swing angle: 300°
- Mounting hole dia: 9mmφ



LEVEL CONTROLLER AT-60

- Impedance: 8kΩ • Max. input: 50W • Swing angle: 300°
- Mounting hole dia: 54mmφ

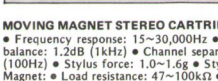
STEREO CARTRIDGES



MOVING MAGNET STEREO CARTRIDGE

666-EX

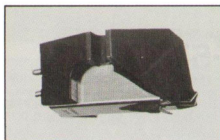
- Frequency response: 10~45,000Hz • Output voltage: 4.5mV (1kHz, 50mm/sec) • Channel separation: 1.0dB (1kHz) • Compliance: 15 x 10⁻⁶ cm/dyne (100Hz)
- Impedance: 2,100Ω • Stylus force: 0.9~1.2g • Stylus tip: 0.2 x 0.8mil, elliptical • Cantilever: Metallic beryllium • Magnet: Samarium cobalt • Load resistance: 47~100kΩ • Weight: 5.5g • Replacement stylus: S-666EX



MOVING MAGNET STEREO CARTRIDGES

666-E

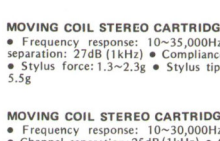
- Frequency response: 15~30,000Hz • Output voltage: 4.0mV (1kHz, 50mm/sec) • Channel separation: 1.2dB (1kHz) • Compliance: 15x10⁻⁶ cm/dyne (100Hz) • Stylus force: 1.0~1.6g • Stylus tip: 0.3 x 0.7 mil, elliptical • Cantilever: Taper Magnet • Load resistance: 47~100kΩ • Weight: 5.5g • Replacement stylus: S-666E



MOVING COIL STEREO CARTRIDGE

777-EX

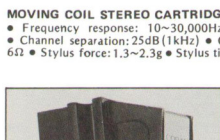
- Frequency response: 5~40,000Hz • Output voltage: 0.3mV (50mm/sec) • Channel separation: 34dB (1kHz) • Compliance: 15 x 10⁻⁶ cm/dyne (100Hz) • Impedance: 6kΩ • Stylus force: 1.3~2.3g • Stylus tip: 0.2 x 0.8 mil • Load resistance: 20~100Ω • Weight: 5.5g



MOVING COIL STEREO CARTRIDGE

777-E

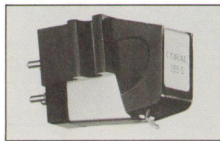
- Frequency response: 10~35,000Hz • Output voltage: 0.3mV (50mm/sec) • Channel separation: 27dB (1kHz) • Compliance: 13 x 10⁻⁶ cm/dyne (100Hz) • Impedance: 6kΩ • Stylus force: 1.3~2.3g • Stylus tip: 0.2 x 0.8 mil • Load resistance: 20~100Ω • Weight: 5.5g



MOVING COIL STEREO CARTRIDGE

777-S

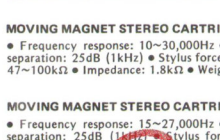
- Frequency response: 10~30,000Hz • Output voltage: 0.3mV (50mm/sec) • Channel separation: 25dB (1kHz) • Compliance: 13 x 10⁻⁶ cm/dyne (100Hz) • Impedance: 6kΩ • Stylus force: 1.3~2.3g • Stylus tip: 0.6mil • Load resistance: 20~100Ω • Weight: 5.5g



MOVING MAGNET STEREO CARTRIDGE

555-EX4

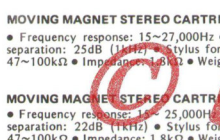
- Frequency response: 10~45,000 • Output voltage: 2.5mV (1kHz, 50mm/sec) • Channel separation: 25dB (1kHz) • Stylus force: 0.75~2g • Stylus tip: for CD-4 • Load resistance: 47~100kΩ • Impedance: 1.8kΩ • Weight: 6g • Replacement stylus: S555-EX4



MOVING MAGNET STEREO CARTRIDGE

555-E

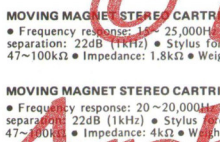
- Frequency response: 10~30,000Hz • Output voltage: 4mV (1kHz, 50mm/sec) • Channel separation: 25dB (1kHz) • Stylus force: 1~2.5g • Stylus tip: 0.2 x 0.8 mil • Load resistance: 47~100kΩ • Impedance: 1.8kΩ • Weight: 6g • Replacement stylus: S555-E



MOVING MAGNET STEREO CARTRIDGE

555-SX

- Frequency response: 15~27,000Hz • Output voltage: 4mV (1kHz, 50mm/sec) • Channel separation: 25dB (1kHz) • Stylus force: ~2.5g • Stylus tip: 0.5 mil • Load resistance: 47~100kΩ • Impedance: 1.8kΩ • Weight: 6g • Replacement stylus: S555-SX



MOVING MAGNET STEREO CARTRIDGE

555-SH

- Frequency response: 20~20,000Hz • Output voltage: 12mV (1kHz, 50mm/sec) • Channel separation: 22dB (1kHz) • Stylus force: 1.5~2g • Stylus tip: 0.7 mil • Load resistance: 47~100kΩ • Impedance: 4kΩ • Weight: 6g • Replacement stylus: S555-S

BOOSTER TRANSFORMER & HEAD SHELLS



777-SERIES APPLICATION BY BOOSTER TRANSFORMER

T-100

- Frequency response: 5~50,000Hz • Gain: 26dB • Impedance: 6kΩ • Crosstalk: Over 50dB • Output cord length: 38cm (15") • Dimensions: 32mmφ x 72mm (with input terminals) • Weight: 130g (0.286 lbs)

HEAD SHELLS

S-100 S-101

This newly developed shell — made of a special alloy — eliminates harmful resonance and challenges the reproduction limits of disk.



AUDIO RACKS & SPEAKER STANDS



AUDIO-RACK C-3

- 3-shelf rack • Dimensions: 590 mm (23-1/4") W x 660 mm (26") H x 450 mm (17-3/4") D • Shelf inner dimensions: 485 mm (19-1/8") W x 180 mm (7-1/8") H • Shelf thickness: 20 mm (13/16")



AUDIO-RACK C-1

- Shelf for the C-3 rack • Shelf thickness: 20 mm (13/16") • Height of pillars: 180 mm (7-1/8")

MIDGET STAND (Set of 5) BS-1

- Height: 50 mm (1-15/16") • End diameters: 30 mm (1-3/16") & 23 mm (15/16")

SPEAKER STAND (Set of 2) BS-2

- Dimensions: 405 mm (15-15/16") W x 180 mm (7-1/8") H x 30 mm (1-1/8") D • Height of legs: 10 mm (3/8")

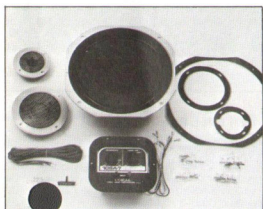
SPEAKER SYSTEM KITS



30cm (12") 3-WAY 3-SPEAKER SYSTEM KIT

12SA-7

- Speakers: 30cm (12") woofer, semi-hard dome squawker, hard dome super-tweeter • Impedance: 8Ω • Crossover frequency: 650Hz, 8,000Hz • Output sound pressure level: 93dB • Program source input: 60W • Frequency response: 25~40,000Hz (176ℓ Air-tight enclosure) 30~40,000Hz (55ℓ Air-tight enclosure)



25cm (10") 3-WAY 3-SPEAKER SYSTEM KIT

10SA-7

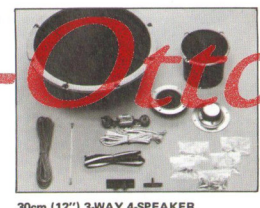
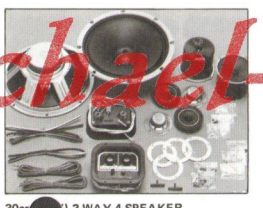
- Speakers: 25cm (10") woofer, 4cm (1-9/16") dome squawker, 2cm (13/16") dome tweeter • Impedance: 8Ω • Crossover frequency: 1,200Hz, 10,000Hz • Output sound pressure level: 93dB • Program source input: 50W • Frequency response: 35~40,000Hz (45ℓ Air-tight enclosure) 40~40,000Hz (35ℓ Air-tight enclosure)



20cm (8") 2-WAY 2-SPEAKER SYSTEM KIT

8SA-7

- Speakers: 20cm (8") woofer, 4cm (1-9/16") dome tweeter • Impedance: 8Ω • Crossover frequency: 1,800Hz • Output sound pressure level: 92dB • Program source input: 40W • Frequency response: 40~20,000Hz (35ℓ Air-tight enclosure) 45~20,000Hz (23ℓ Air-tight enclosure)



30cm (12") 3-WAY 4-SPEAKER SYSTEM KIT

12SA-5A

- Speakers: two 30cm (12") woofers, two 12.5cm (5") cone squawkers, four 6.5cm (2-1/2") cone tweeters • Impedance: 8Ω • Crossover frequency: 800Hz, 9,000Hz • Output sound pressure level: 94dB • Program source input: 60W • Frequency response: 35~20,000Hz (55ℓ Air-tight enclosure) 40~20,000Hz (45ℓ Air-tight enclosure)

30cm (12") 3-WAY 4-SPEAKER SYSTEM KIT

12SA-5

- Speakers: 30cm (12") woofer, 12.5cm (5") squawker, two 6.5cm (2-1/2") cone tweeter • Impedance: 8Ω • Crossover frequency: 1,000Hz, 9,000Hz • Output sound pressure level: 94dB • Program source input: 60W • Frequency response: 35~20,000Hz (55ℓ Air-tight enclosure) 40~20,000Hz (45ℓ Air-tight enclosure)

25cm (10") 3-WAY 3-SPEAKER SYSTEM KIT (One pair)

10SA-5A

- Speakers: two 25cm (10") woofers, two 12.5cm (5") cone squawkers, two 6.5cm (2-1/2") cone tweeters • Impedance: 8Ω • Crossover frequency: 2,000Hz, 6,000Hz • Output sound pressure level: 93dB • Program source input: 50W • Frequency response: 40~20,000Hz (45ℓ Air-tight enclosure) 45~20,000Hz (35ℓ Air-tight enclosure)

20cm (8") 2-WAY 2-SPEAKER SYSTEM KIT (One pair)

8SA-5A

- Speakers: two 20cm (8") woofers, two 6.5cm (2-1/2") cone tweeters • Impedance: 8Ω • Crossover frequency: 4,500Hz • Output sound pressure level: 92dB • Program source input: 35W • Frequency response: 50~20,000Hz (35ℓ Air-tight enclosure) 60~20,000Hz (23ℓ Air-tight enclosure)



20cm (8") 3-WAY 3-SPEAKER SYSTEM KIT (One pair)

8SA-1

- Speakers: two 20cm (8") woofers, two 10cm (4") cone squawkers, two 6.5cm (2-1/2") cone tweeters • Impedance: 8Ω • Crossover frequency: 4,000Hz, 9,000Hz • Output sound pressure level: 93dB • Program source input: 35W • Frequency response: 70~20,000Hz (28ℓ Air-tight enclosure)

30cm (12") 3-WAY 4-SPEAKER SYSTEM KIT (One pair)

12SA-1

- Speakers: two 30cm (12") woofers, two 12.5cm (5") cone squawkers, four 6.5cm (2-1/2") cone tweeter • Impedance: 8Ω • Crossover frequency: 1,000Hz, 10,000Hz • Output sound pressure level: 95dB • Program source input: 60W • Frequency response: 30~20,000Hz (55ℓ Air-tight enclosure)

25cm (10") 3-WAY 3-SPEAKER SYSTEM KIT (One pair)

10SA-1

- Speakers: two 25cm (10") woofers, two 12.5cm (5") cone squawkers, two 6.5cm (2-1/2") cone tweeters • Impedance: 8Ω • Crossover frequency: 2,000Hz, 6,000Hz • Output sound pressure level: 93dB • Program source input: 50W • Frequency response: 40~20,000Hz (38ℓ Air-tight enclosure)

ENCLOSURE KITS

BACKLOAD HORN ENCLOSURE KIT (Adhesive, acoustic material, cords included)

EK-8BL

- Applicable units: 8F-60, BETA-8 • Dimensions: 320mm (12-9/16")W x 920mm (36-1/4")H x 440mm (17-5/16")D • Weight: 28.5kg (62.7 lbs)

55ℓ ENCLOSURE KIT (Adhesive, acoustic material, cords, Saran net included)

EK-55

- Applicable units: 8F-60, 10F-60 • Applicable system kits: 12SA-5, 12SA-7 • Dimensions: 388mm (15-1/4")W x 675mm (26-5/8")H x 312mm (12-1/4")D • Holed & plugged boards • Weight: 13kg (28.6 lbs)

Baffle boards (one pair) for the EK-55:

- 55B-12A Air-tight, for 12SA-7 system kit
- 55B-12B Air-tight, for 12SA-5 system kit
- 55B-8F Bass-reflex, square duct, for 8F-60 unit
- 55B-10F Bass-reflex, pipe duct, for 10F-60 unit
- 55B-1 Without holes

45ℓ ENCLOSURE KIT (Adhesive, acoustic material, cords, Saran net included)

EK-45

- Applicable unit: 8F-60 • Applicable system kits: 8SA-7, 10SA-5 • Dimensions: 354mm (13-15/16")W x 620mm (24-7/16")H x 312mm (12-1/4")D • Holed & plugged boards • Weight: 11.5kg (25.2 lbs)

Baffle boards (one pair) for the EK-45:

- 45B-8F Bass-reflex, pipe duct, for 8F-60 unit
- 45B-10A Air-tight, for 10SA-7 system kit
- 45B-10B Air-tight, for 10SA-5 system kit
- 45B-8A Air-tight, for 8SA-7 system kit
- 45B-1 Without holes

35ℓ ENCLOSURE KIT (Adhesive, acoustic material, cords, Saran net included)

EK-35

- Applicable unit: 6F-60 • Applicable system kits: 8SA-5, 8SA-7 • Dimensions: 309mm (16-3/16")W x 547mm (21-9/16")H x 104mm (12")D • Holed & plugged boards • Weight: 8.5kg (18.7 lbs)

Baffle boards (one pair) for the EK-35:

- 35B-6F Bass-reflex, pipe duct, for 6F-60 unit
- 35B-8A Air-tight, for 8SA-7 system kit
- 35B-8B Air-tight, for 8SA-5 system kit
- 35B-1 Without holes

Introduction to ENCLOSURES

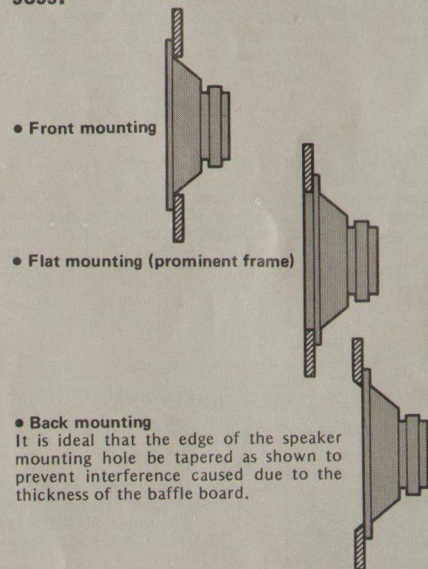
The role of the enclosure should never be underestimated. However excellent the speaker unit is, its true performance cannot be demonstrated if it is ill-matched with the enclosure or if the accuracy of the enclosure is inferior. The three major types of enclosures that are most commonly used are described at the right. Although there are other types, they are more or less modifications or developments based on these three basic types.

• APPLICATION OF ACOUSTIC MATERIAL

The most widely used acoustic material is soft felt or glass wool with a thickness of about 20mm, which has an excellent acoustic effect. The acoustic material should be applied gently and without compression. A greater amount of material is needed for the air-tight cabinet than for the bass-reflex cabinet. The amount may be adjusted, depending on audibility, after referring to illustrations shown above.

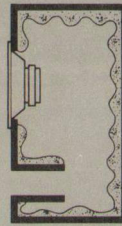
• MOUNTING THE SPEAKER UNIT

Most speaker units today are mounted from the front of the baffle board. Another method is the flat mounting on the prominent frame, in which the speaker is mounted from the back of the baffle board. Determine the mounting method that is appropriate to the type of speaker that you possess.



• AIR-TIGHT CABINET

This type of enclosure requires proper consideration in regard to its air-tightness and reinforcement. The characteristics of the speaker are loyally reproduced, however, when an ample inner volume is maintained.



• BASS-REFLEX CABINET

The sound phase emitting from the back of the speaker is reversed by way of a duct to ensure efficient reproduction in the low range. Rich low sounds can be reproduced even when the cabinet has a comparatively small inner volume, and a high speaker efficiency can be obtained.

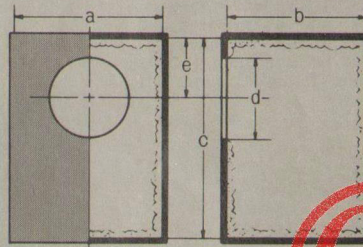


• BACKLOAD HORN CABINET

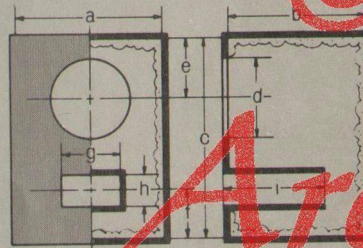
This cabinet is designed to use all the sound radiated from the speaker without loss. The cabinet itself is in the shape of a horn and is of complex construction, but the spectacular sound power it reproduces is astounding.

TABLE OF ENCLOSURE DIMENSIONS (Unit:mm)

• AIR-TIGHT



• BASS-REFLEX



		• BASS-REFLEX								
Units	Size	a	b	c	d	e	f	g	h	i
10F-60		345	250	635	252	260	85	150	60	200
8F-60		314	252	582	200	240	62	90	50	150
6F-60		275	250	515	164	215	85	100	40	100
BETA-10		500	400	670	258	210	140	210	150	150
BETA-8		350	400	670	208	210	155	180	105	100
FLAT-10II		340	282	620	265	180	110	160	85	200
FLAT-8 II		290	252	540	215	160	100	130	70	150
FLAT-6 II		275	195	520	177	150	100	66.5	66.5	100
FLAT-5 II		230	185	420	139	150	100	66.5	66.5	50
10CX-501		460	360	660	263	200	95	220	80	180
8CX-501		410	260	660	208	180	100	200	90	200
6CX-501		330	280	600	147	180	120	160	60	80
4A-60		275	250	515	105	157	178	63	63	50
15L-100		560	400	765	350	405	100	400	45	220
15L-2		740	500	990	386	280	210	400	196	300
12L-1		610	400	820	300	230	200	280	165	250
10L-60		345	250	635	252	320	80	150	60	200
12L-60		403	308	710	295	380	90	197	70	260

• AIR-TIGHT

Units	Size	a	b	c	d	e	Capacity (ℓ)	f ₀
10F-60		500	380	750	250	320	143	45
		420	350	700		250	103	50
8F-60		470	360	700	200	260	118	45
		390	290	670		220	76	50
6F-60		380	280	620	164	230	66	55
		315	240	560		200	42	60
BETA-10		660	470	900	265	360	280	45
		500	380	750		300	143	55
BETA-8		550	400	800	222	300	176	50
		470	360	700		260	118	55
FLAT-10II		580	420	800	265	320	195	50
		420	312	660		250	103	50
FLAT-8 II		550	400	800	215	300	176	50
		400	300	660		220	79	50
FLAT-6 II		420	350	660	177	250	97	55
		380	270	600		210	62	60
FLAT-5 II		420	300	670	139	240	84	75
		300	240	560		180	40	80
10CX-501		550	420	800	263	320	185	50
		470	360	750		250	127	50
8CX-501		470	360	750	208	250	127	50
		420	300	650		250	82	55
6CX-501		420	330	700	147	250	97	60
		380	270	600		210	62	65
4A-60		275	250	515	105	157	35	87
15L-100		720	460	1050	350	450	348	37
		630	400	900		420	230	42
15L-2		810	600	1100	386	320	535	45
		680	450	920		300	280	50
12L-1		780	450	930	300	250	326	48
		550	350	740		220	142	58
10L-60		390	290	670	252	450	76	50
		420	340	700		470	100	45
12L-60		580	450	800	295	385	208	40
		460	350	750		385	120	45



CORAL AUDIO CORPORATION
1-1-6, Shibashimo, Kawaguchi-shi, Saitama-ken, Japan.