

Canal[®]
120W

BX-1401



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Archiv Michael-Otto*

- 15" 5-WAY 7-SPEAKER SYSTEM
- 120W INPUT POWER AND HIGH EFFICIENCY
- 25 ~ 25,000 Hz FREQUENCY RESPONSE
- REMOVABLE FRONT GRILLE
- TWO 3-STEP TONE SELECTOR

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15" 5-Way 7-Speaker System

ULTRA-HIGH (120W) INPUT LEVEL AND HIGH (103 dB) EFFICIENCY RATING:

The 120W input level makes the system fit for use even in a large hall, particularly when it is combined with an amplifier having a large output rating. But, on the other hand, the system is designed operable with a small output amplifier by virtue of its high (103 dB) rate of efficiency.

REMOVABLE FRONT GRILLE:

The front grille of the cabinet is removable. Carved out of choice wood, and neatly hand-finished, the lattice-work designs of the grille impart a most elegant atmosphere.

The baffle plate also is finished with precise designs to impart a decorative feature. The system may be played with the front grille removed from the cabinet, thus exposing the baffle plate. The cabinet would look just as pleasing as it would with the grille. With the cabinet stripped of the front grille, the user can study the dynamic piston movement of the paper cone inside.

15" WOOFER:

Both the large magnet-based powerful magnetic circuit and the large-diameter voice coil used in this system are of the size and caliber that will adequately serve in an 18" class speaker system. A long-travel voice coil and the free edge, both unique to CORAL products, complement the above for perfect sound reproduction. The large input, high efficiency, minimum distortion and low frequency of resonance features are affirmed characteristics of this speaker system.

6-1/2", 5" MIDRANGE:

Two cone type midranges are installed to provide mid-range sound reproduction. The cone midrange is of the dome and radiator type, made of super duralumin. This assures homogeneous sound reproduction

combined with a harmonious blend of mid and high range sounds. The 5" midrange is enclosed in a completely-sealed frame as a hedge against the harmful effects of the sound pressures from the woofer, from which a clear-cut reproduction has resulted. The appropriate damping effect is obtained from a newly-developed damper which assures flat characteristics for the sounds in every range.

2-2-1/2" AND 2-HORN TWEETERS:

The high range is reproduced by 2-1/2" cone tweeters but a set of two horn tweeters provided covers the reproduction of sounds in the ultra-high range. The 2-1/2" cone tweeter is comprised by a powerful magnetic circuit and a large-diameter voice coil made up of aluminum wires and, hence, light-weight. The combination of those choice components have made it possible to design a system which features both a large input capacity and an outstanding efficiency rating. The horn type super tweeter has the film diaphragm construction which has contributed to making the vibration system compact in size and weight. Ultra-high sounds up to 25,000 Hz are reproducible.

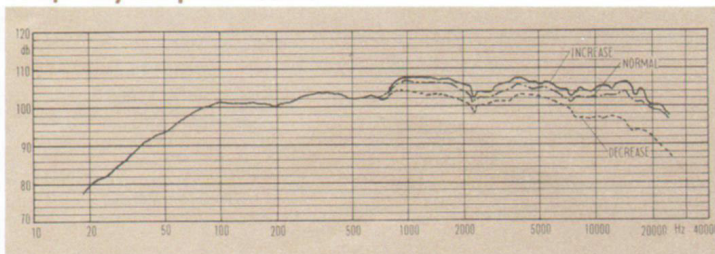
TWO 3-STEP TONE SELECTORS:

Each tone selector provided both for the mid and the high reproduction sound range has 3 switch settings: INCREASE, NORMAL and DECREASE. Any one of these control positions can be selected to suit the intended reproduction, depending on the size of the room and the nature of the source music.

INPUT PANEL WITH BOTH TERMINALS AND JACKS:

The input section of the rear panel is provided with a set of connecting jacks into which the plugs may be inserted for a single-touch connection, as well as with the ordinary array of connecting terminals. The usual CORAL spirits of catering to every requirement of the customer are evident in this feature.

Frequency Response Curve



Specifications

Speakers:	15" Woofer 6-1/2" mid-range 5" mid-range 2-2-1/2" Cone-type tweeters 2-Horn-type tweeters
Music Power Input:	120 watts
Sensitivity:	103 dB/W
Freq. Response:	25 - 25,000 Hz
Crossover Frequency:	800, 1,000, 5,000, 7,000 Hz
Impedance:	8 ohms
Cabinet:	Bass-reflex Type
Dimensions:	647m/m(H)x439m/m(W)x290m/m(D)
Net Weight:	20.5 kg



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CORAL AUDIO CORPORATION
1971, Shiba, Kawaguchi-shi, Saitama-ken, Japan