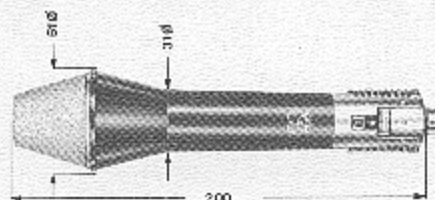


Dimensions [mm.]:

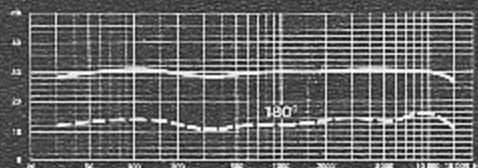


D202

Robust slanted bronze grille causes no loss of sensitivity

Compensating windings against stray magnetic field interference

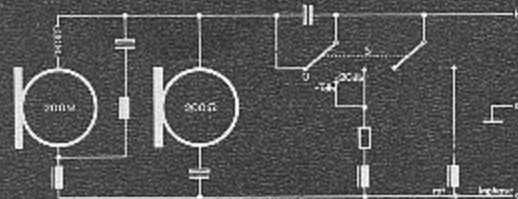
FREQUENCY RESPONSE CURVE:



Rear sound entry slots with in-built windshield and antiroll-bar

Available with DIN and Cannon connections

Connection:



Objective sound transmission through two optimal sized dynamic systems

High frequency system (800—20 000 Hz)

Low frequency system (20—800 Hz)

POLAR DIAGRAM:



Acoustical resistance tube for low frequency capsule

Three position bass-cut switch to reduce rumble and handling noise (0, -7, -20 db at 50 Hz)

Technical data:

Type: Dynamic pressure gradient receiver in two-way cardioid system.

Separate high and low frequency circuits

Frequency Range: 20 ... 20 000 Hz

Microphone Rating at 1000 Hz (sensitivity): 0.16 mV/ μ bar (-76 dbv)

Impedance: at 125 Hz: 200 ohms \pm 20%

at 1 000 Hz: 300 ohms \pm 20%

at 10 000 Hz: 210 ohms \pm 20%

Min. Actual Load Impedance: \geq 500 ohms

Directional Characteristic: Cardioid (Independent of frequency response)

Weighted Noise Level: 0.26 μ v_{eff} (Filter CCITT-C/DIN 45 405)

Unweighted Noise Level: 0.2 μ v_{eff}

Max. Sound Pressure Level at a distortion of 0.5% at 1000 Hz:

500 μ bar (128 db SPL)

Diaphragm: MAKROFOL*

When ordering please note:

D 202C1: with built-in 6-conductor DIN-plug T 3402

D 202C2: with built-in 7-conductor HF shielded DIN-plug T 3472

D 202C3: with built-in 3-conductor DIN-plug T 3207

D 202C4: with built-in 3-conductor DIN-plug T 3262

D 202E1: with built-in 3-conductor Cannon-plug XLR-3-50

Weight:

D 202: 320 grams

With individual packing approx. 850 grams

Accessories:

(How to order please refer to the price-list)

Windscreen: W 7, W 13, W 13A

Elastic Boom-suspension: H 4A

Stand adapter: SA 16, SA 18/9

Table stands: St 1, St 4, St 12, St 305

Floor stands: St 30, St 102A, St 200

Mating connector: D 202C1: 6-conductor DIN-connector T 3401/1

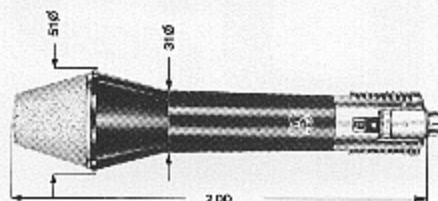
D 202C2: 7-conductor DIN-connector T 3469

D 202C3: 3-conductor DIN-connector T 3080

D 202C4: 3-conductor DIN-connector

D 202E1: 3-conductor Cannon-connector

Dimensions [mm.]:

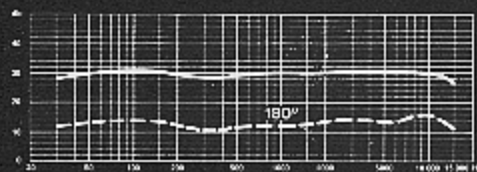


D202

Robust sintered bronze grille causes no loss of sensitivity

Compensating windings against stray magnetic field interference

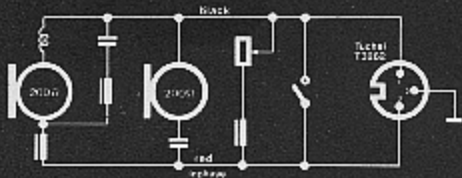
FREQUENCY RESPONSE CURVE:



Rear sound entry slots with in built windshield and antiroll-bar

Available with DIN and Cannon connections

D 202CS:



Objective sound transmission through two optimal sized dynamic systems

High frequency system (800 — 18000 Hz)
Low frequency system (20 — 800 Hz)

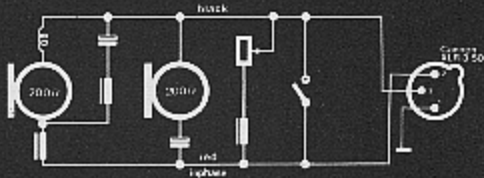
POLAR DIAGRAM:



Acoustical resistance tube for low frequency capsule

Continuously bass-cut switch to reduce rumble and handling noise (0 to -20 db at 50 Hz)

D 202ES:



Technical data:

Type: Dynamic pressure gradient receiver in two-way cardioid system.

Separate high and low frequency circuits

Frequency Range: 20 ... 18.000 Hz

Tolerance within: max. ± 2 db, at 1 KHz max. ± 1 db

Microphone Rating at 1000 Hz (sensitivity): 0,16 mV/ μ bar (-76 db)

Impedance: at 125 Hz: 200 ohms ± 20 %

at 1000 Hz: 300 ohms ± 20 %

at 10000 Hz: 210 ohms ± 20 %

Min. Actual Load Impedance: ≥ 500 ohms

Directional Characteristic: Cardioid (independent of frequency response)

Weighted Noise Level: 0,26 μ veff (Filter CCITT-C/DIN 45 405)

Unweighted Noise Level: 0,2 μ veff

Max. Sound Pressure Level at a distortion of 0,5% at 1000 Hz:

500 μ bar (128 db SPL)

Diaphragm: MAKROFOL®

When ordering please note:

D 202CS: with built-in 3-conductor DIN-plug

D 202ES: with built-in 3-conductor Cannon-plug XLR-3-50

Weight:

D 202: 320 grams

With individual packing approx. 600 grams

Accessories:

(How to order please refer to the price-list)

Windscreen: W 7

Stand adapter: SA 16, SA 16/9

Table stands: St 1, St 4, St 12, St 305

Floor stands: St 30, St 102A, St 200

Mating connector: D 202CS: 3-conductor DIN-connector

D 202ES: 3-conductor Cannon-connector XLR-3-11C

Microphone cables: D 202CS: MK 1/5

D 202ES: MK 4/5

TWOWAYCARDIOID® Dynamic Microphone

D 202 E1



The non-reflective black housing finish prevents light reflections and therefore makes the D 202 an ideal studio microphone, especially suited for recording work in TV, motion picture, and broadcasting studios. Outdoor use, even in cold environments is facilitated by the housing with low thermal conductivity. A compensation coil eliminates influences of magnetic stray fields. Wide-range frequency response, independent of working distance and angle of sound incidence. The built-in three-position bass-cut switch (0, -7, -20 dB at 50 Hz) reduces rumble and handling noise. The microphone is also recommended for picking up percussion instruments in front of loudspeakers or electronic musical instruments.

Included Accessories:

SA 16 Stand adapter

Optional Accessories:

MK 9/10 10 metre connecting cable
St 102 A, St 200 Floor stands
St 1, St 5, St 12, St 305 Table stands
W 29 + W 9A Foam windscreens
H 10 Stereo bar
SA 18/9, SA 26 Stand adapters
H 30 Elastic suspension

Technical Data:

- Type: Double element pressure gradient receiver
- Directional characteristics: frequency independent cardioid
- Frequency range: 20 to 20,000 Hz
- Sensitivity at 1,000 Hz: 1.6 mV/Pa (0.16 mV/ μ b) Δ -76 dBV ref. 1 μ b.
- Impedance at 1,000 Hz: 300 ohms
- Max. sound pressure for THD of 0.5%: 30 Pa Δ 124 dB SPL
- Hum sensitivity at 50 Hz: 3 μ V/5 μ T at 100 Hz: 6 μ V/5 μ T
- Permissible climatic conditions: temperature range: -10° C to +60° C relative humidity: 90% (20° C to 60° C)
- Connector: 3-pin XLR-type
- Bass-cut filter: switchable to 0, -7, -20 dB at 50 Hz
- Housing material: special plastic compound with non-reflective black finish
- Dimensions: 52 \varnothing x 218 mm (2.05 \varnothing x 8.6 inch)
- Net weight: 320 g (11.3 oz)
- Shipping weight: 700 g (1.5 lb)

D 222



A versatile TWOWAYCARDIOID® microphone using two microphone elements connected by a crossover network. This technique eliminates the usual proximity effect and consequently, the sound will not depend on working distance or angle of incidence. The built-in three step bass-cut (0, -6 and -12 dB at 50 Hz) reduces low-frequency noise. The microphone provides for a balanced sound ideally suiting horns, strings and pianos. It also results in a very natural bass drum sound.

Included Accessories:

SA 41/1 Stand adapter

Optional Accessories:

H 10 Stereo bar
H 30 Elastic suspension
W 29 + W 29 A Foam-type windscreens for front and rear sound entry

Technical Data:

- Transducer type: Double element pressure gradient receiver
- Directional characteristics: Frequency independent cardioid
- Frequency range: 20 to 18,000 Hz
- Sensitivity at 1,000 Hz: 1.5 mV/Pa (0.15 mV/ μ b) Δ -76.5 dBV ref. 1 μ b.
- Impedance at 1,000 Hz: 320 ohms
- Max. sound pressure for 0.5% THD: 30 Pa Δ 124 dB SPL
- Hum sensitivity at 50 Hz: 3 μ V/5 μ T
- Bass-cut filter: switchable to 0, -6 and -12 dB at 50 Hz
- Permissible climatic conditions: Temperature range: -10° C to +60° C Relative humidity: 90% (20° to 60° C)
- Connector: 3-pin XLR-type
- Housing material: special plastic compound with non-reflective black finish
- Dimensions: 45 \varnothing x 205 mm (1.8 \varnothing x 8.1 inch)
- Net weight: 250 g (8.8 oz)
- Shipping weight: 700 g (1.5 lb)



TWOWAYCARDIOID® Dynamic Microphone

D 202 E1



The non-reflective black housing finish prevents light reflections and therefore makes the D 202 an ideal studio microphone, especially suited for recording work in TV, motion picture, and broadcasting studios. Outdoor use, even in cold environments is facilitated by the housing with low thermal conductivity. A compensation coil eliminates influences of magnetic stray fields. Wide-range frequency response, independent of working distance and angle of sound incidence. The built-in three-position bass-cut switch (0, -7, -20 dB at 50 Hz) reduces rumble and handling noise. The microphone is also recommended for picking up percussion instruments in front of loudspeakers or electronic musical instruments.

Included Accessories:

SA 16 Stand adapter

Optional Accessories:

MK 9/10 10 metre connecting cable
St 102 A, St 200 Floor stands
St 1, St 5, St 12, St 305 Table stands
W 29 + W 9A Foam windscreens
H 10 Stereo bar
SA 18/9, SA 26 Stand adapters
H 30 Elastic suspension

Technical Data:

- Type: Double element pressure gradient receiver
- Directional characteristics: frequency independent cardioid
- Frequency range: 20 to 20,000 Hz
- Sensitivity at 1,000 Hz: 1.6 mV/Pa (0.16 mV/ μ b) Δ -76 dBV ref. 1 μ b.
- Impedance at 1,000 Hz: 300 ohms
- Max. sound pressure for THD of 0.5%: 30 Pa Δ 124 dB SPL
- Hum sensitivity at 50 Hz: 3 μ V/5 μ T at 100 Hz: 6 μ V/5 μ T
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- Connector: 3-pin XLR-type
- Bass-cut filter: switchable to 0, -7, -20 dB at 50 Hz
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Included Accessories:

SA 41/1 Stand adapter

Optional Accessories:

H 10 Stereo bar
H 30 Elastic suspension
W 29 + W 29 A Foam-type windscreens for front and rear sound entry

Technical Data:

- Transducer type: Double element pressure gradient receiver
- Directional characteristics: Frequency independent cardioid
- Frequency range: 20 to 18,000 Hz
- Sensitivity at 1,000 Hz: 1.5 mV/Pa (0.15 mV/ μ b) Δ -76.5 dBV ref. 1 μ b.
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- Max. sound pressure for 0.5% THD: 30 Pa Δ 124 dB SPL
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- Permissible climatic conditions: Temperature range: -10° C to +60° C Relative humidity: 90% (20° to 60° C)
- Connector: 3-pin XLR-type
- Housing material: special plastic compound with non-reflective black finish
- Dimensions: 45 \varnothing x 205 mm (1.8 \varnothing x 8.1 inch)
- Net weight: 250 g (8.8 oz)
- Shipping weight: 700 g (1.5 lb)



D 202

Dynamic cardioid studio microphone. Separate low and high frequency systems, closely calibrated



Special studio version D 202E1: -7 db to -20 db bass cut (switchable) at 50 Hz, with Cannon connector XLR-3-11C and stand adapter SA 16. Also available: with miniature ON-OFF switch and variable bass cut, either Cannon XLR-3-11C connector (D 202ES) or DIN PC 1/2 connector (D 202CS)

Impedance: 300 ohms

Frequency response:

20 ... 18 000 Hz

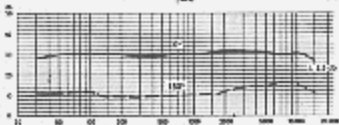
D 202E1:

20 ... 20 000 Hz

Sensitivity:

0.16 mV/ μ bar

(-76 dbv)



CARDIOID DYNAMIC MICROPHONE

D-202ES

This microphone represents a revolutionary new concept in cardioid dynamic microphone development.

Two independent capsules are optimally adjusted to a specific range . . . one for the low frequencies and one for the high frequencies, with a built-in cross-over network at 500 cps.

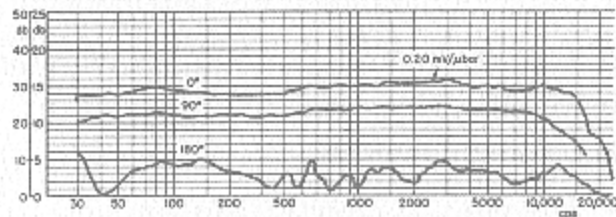
The results are: Virtually flat frequency response.

Unsurpassed front-to-back discrimination over the entire range.

Uniform 90° off-axis response.

The D-202ES incorporates a continuous bass roll-off up to -20 db at 50 cps and a recessed on-off switch.

TECHNICAL DATA



Frequency range:	30-15,000 cps
Frequency response:	±2 db
Directional characteristics:	Cardioid
Front-to-back discrimination:	-20 db minimum
Sensitivity:	-53 db
Impedance:	200 ohms
Bass roll-off:	up to -20 db

