

A LEADING MICROPHONE LINE



Founded in 1926, Melodium has always been specialised in the production of high grade microphones and accessories.

We are proud to present

MELODIUM RIBBON
MICROPHONE

RM 6

FOR STUDIOS, ORCHESTRAS TRANSMISSION AND RECORDINGS

Model RM 6 specifications:

Directional characteristics:

The RM 6 is a bi-directional ribbon microphone, equally sensitive at front and rear

Impedance: 200 or 50 ohms (please specify)

Frequency response: substantially flat between 30 and 18 000 c.p.s. \pm 2 dB

Output level: 50 ohms impedance — 81 dB
200 ohms impedance — 76 dB

Case: Die cast zinc

Finish: Satin chrome

Design: Greek square cone

Switch: Equipped with male plug and a four position switch corresponding to three working distances and one stop

- a) stop
- b) 10 cm : Speech
- c) 40 cm : Singing
- d) 1 meter : Music

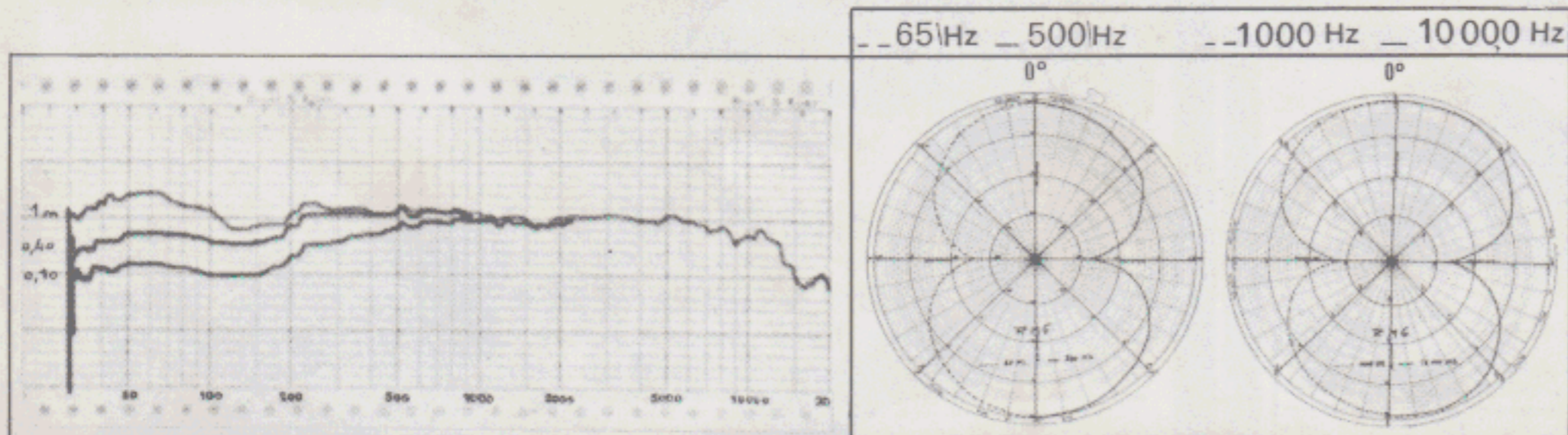
Measurements: Length : 7" (17,5 cm) \varnothing : 2" (5 cm)

Weight: 1 lb (450 g)

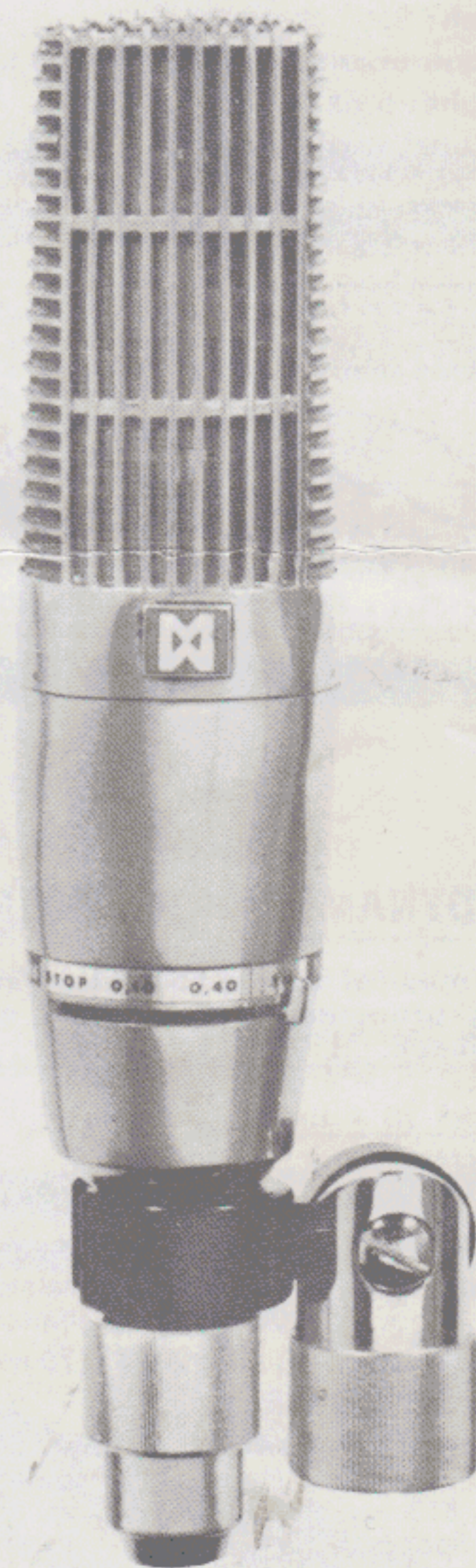
Each microphone is supplied with :

- shock resistant presentation case
- 310 grip
- 3 poles female plug

Optional accessories: Models 213, 223, 214 and 224 transformers, 320, 322/324, 326, 327 goosenecks, 340 desk stand, 350, 351 and 353 floor stands.



HIFI-STUDIOS



MELODIUM

CARDIOID MICROPHONES

UNIDIRECTIONAL DYNAMIC MICROPHONE

76 A

A highly directional dynamic microphone combining the best characteristics of cardioid and freedom from feedback effects

Model 76 A unidirectional:

Specifications:

Impedance: 10 or 200 ohms (please specify)

Frequency response: flat from 100 to 15.000 c.p.s.

Output level: 10 ohms impedance — 83 dB
200 ohms impedance — 71 dB

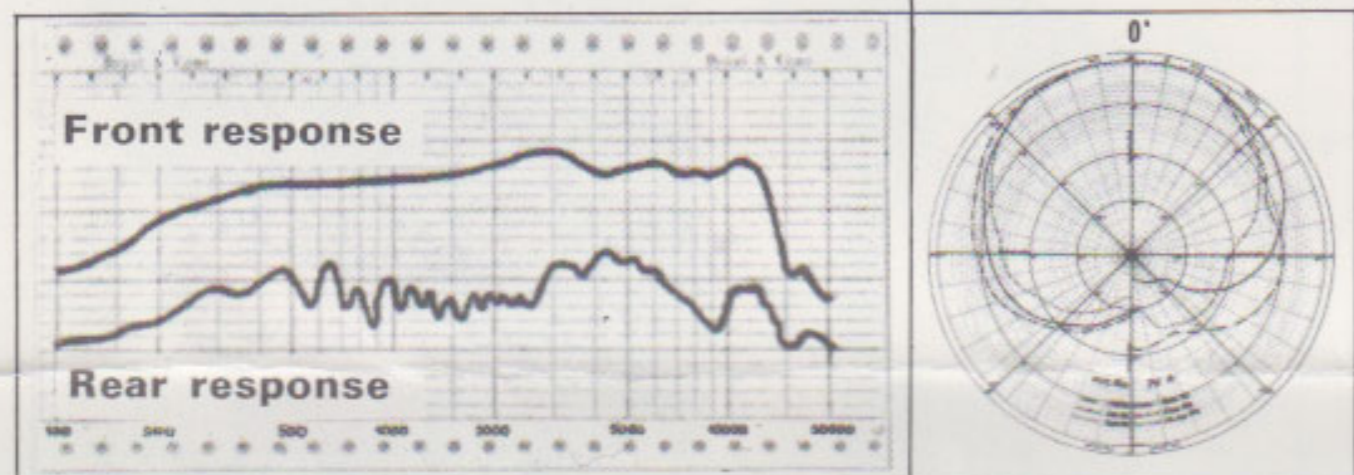
Case: Die cast zinc

Finish: Satin chrome

Measurements: Length: 3" (68 mm) \varnothing : 2" (50 mm)

Weight: 5 oz (160 g)

Optional accessories: models 212, 222, 214 and 224 transformers
320, 322/324, 326 and 327 goosenecks, 310 grip, 313 handle, 340 desk stand, 350, 351, 353 floor stands



SPEECH



UNIDIRECTIONAL DYNAMIC MICROPHONE

78 A

The musical microphone recommended for orchestras with very pronounced directional effects and freedom from feedback

Model 78 A unidirectional:

Specifications:

Impedance: 10 or 200 ohms (please specify)

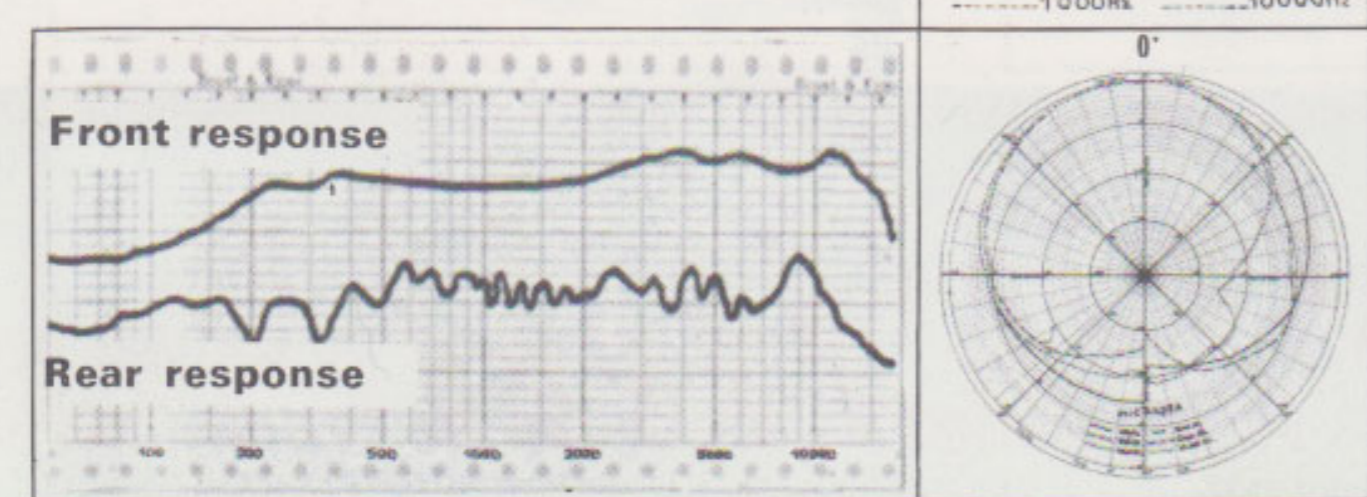
Frequency response: flat from 50 to 15.000 c.p.s.

Output level: 10 ohms impedance — 87 dB
200 ohms impedance — 75 dB

Measurements: Length: 3" (70 mm) \varnothing : 2" (50 mm)

Weight: 6 oz (185 g)

Optional accessories: models 212, 222, 214 and 224 transformers
320, 322/324, 326 and 327 goosenecks, 310 grip, 313 handle, 340 desk stand, 350, 351, 353 floor stand



MUSIC



OMNIDIRECTIONAL MICROPHONES

OMNIDIRECTIONAL DYNAMIC MICROPHONE

77A

This microphone is of omnidirectional type particularly designed for use in high quality recording applications and sound systems in stadiums, theaters, cathedrals and churches etc... These microphones bring a truly professional quality

Model 77 A specifications :

Impedance : 200 ohms

Frequency response : flat between 40 and 17.000 c.p.s. \pm 3 dB

Output level : 200 ohms — 72 dB

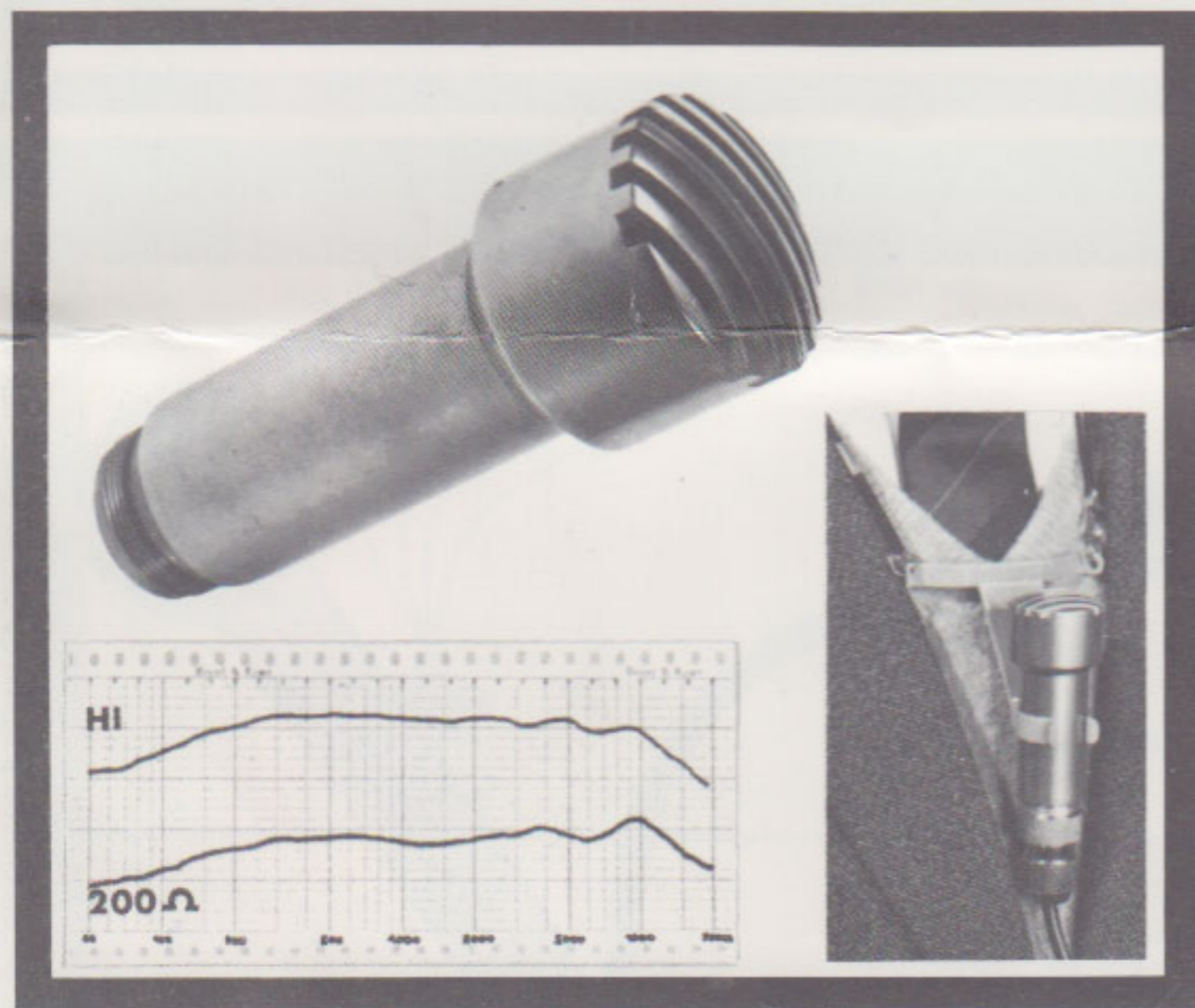
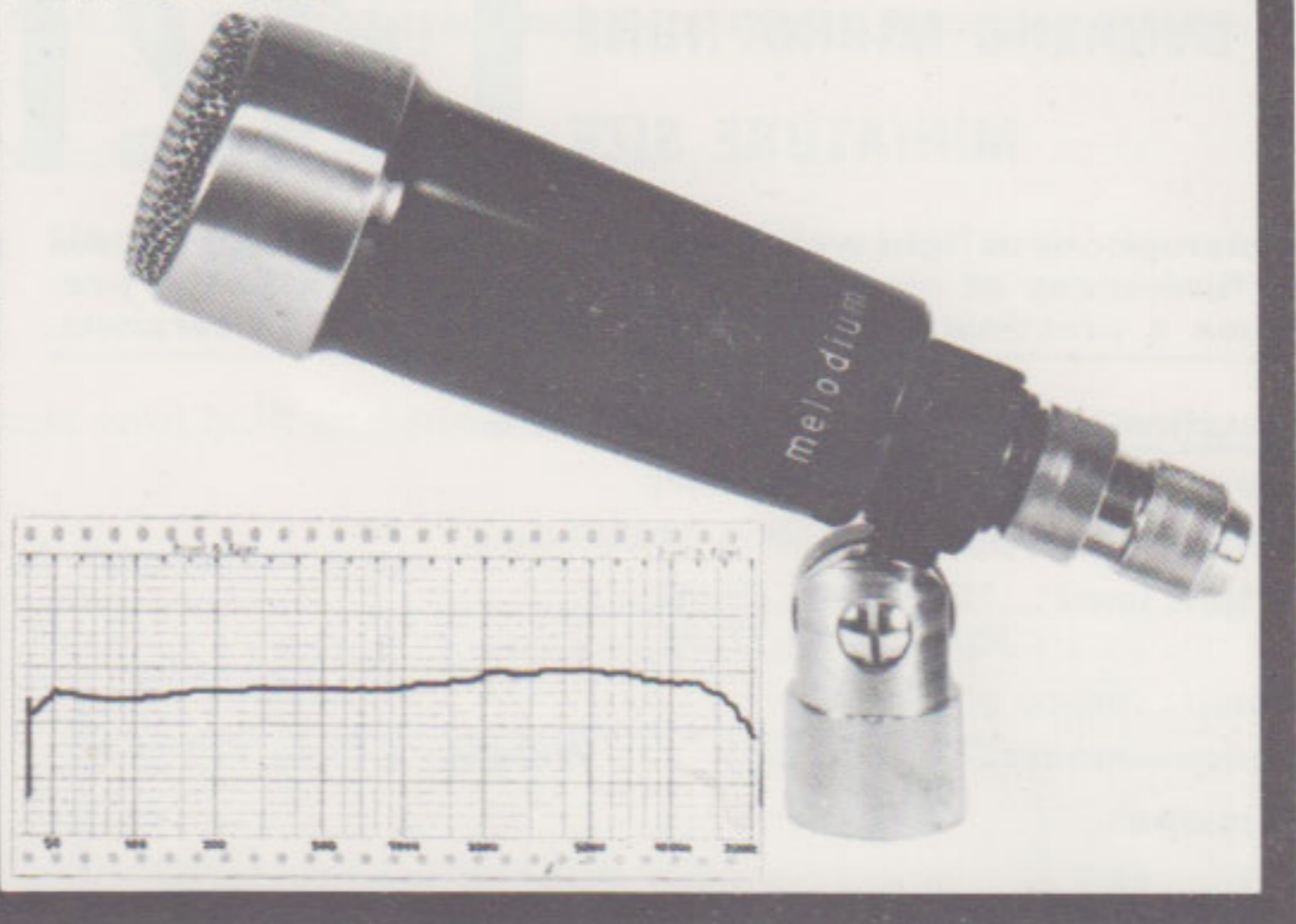
Measurements : 5,4" (14 cm) **Weight :** 8 oz (230 g)

Each microphone is supplied with :

- shock resistant presentation case
- 310 grip
- 3 poles female plug

Optional accessories : 214 and 224 transformers, 320, 322/324, 325, 326 and 327 goosenecks, 340 desk stand, 350, 351 and 353 floor stands.

STUDIOS



79A

OMNIDIRECTIONAL MINIATURE DYNAMIC MICROPHONE

A small compact microphone, robust with an unusually wide frequency response to suit lavalier operation with performances equivalent to stand operation.

Model 79 A specifications :

Impedance : 10, 200 or 80.000 ohms

Frequency response : flat from 60 to 16.000 c.p.s. \pm 3 dB

Output level : 10 ohms impedance — 92 dB

200 ohms impedance — 82 dB

80.000 ohms impedance — 56 dB

Measurement : 3,1" (8 cm)

Weight : 3,5 oz (100 g)

Optional accessories : 212, 214, 222 and 224 transformers, 320, 322/324, 325, 326 goosenecks, 340, 342 desk-stand, 350, 351 and 353 floor stands.

OMNIDIRECTIONAL DYNAMIC MICROPHONE

88

A compact high quality dynamic microphone intended for direct mounting on gooseneck or floor stand, well proportioned of rugged construction, designed to give excellent performances.

Model 88 specifications :

Impedance : 10 or 200 ohms (please specify)

Frequency response : flat from 50 to 17.000 c.p.s.

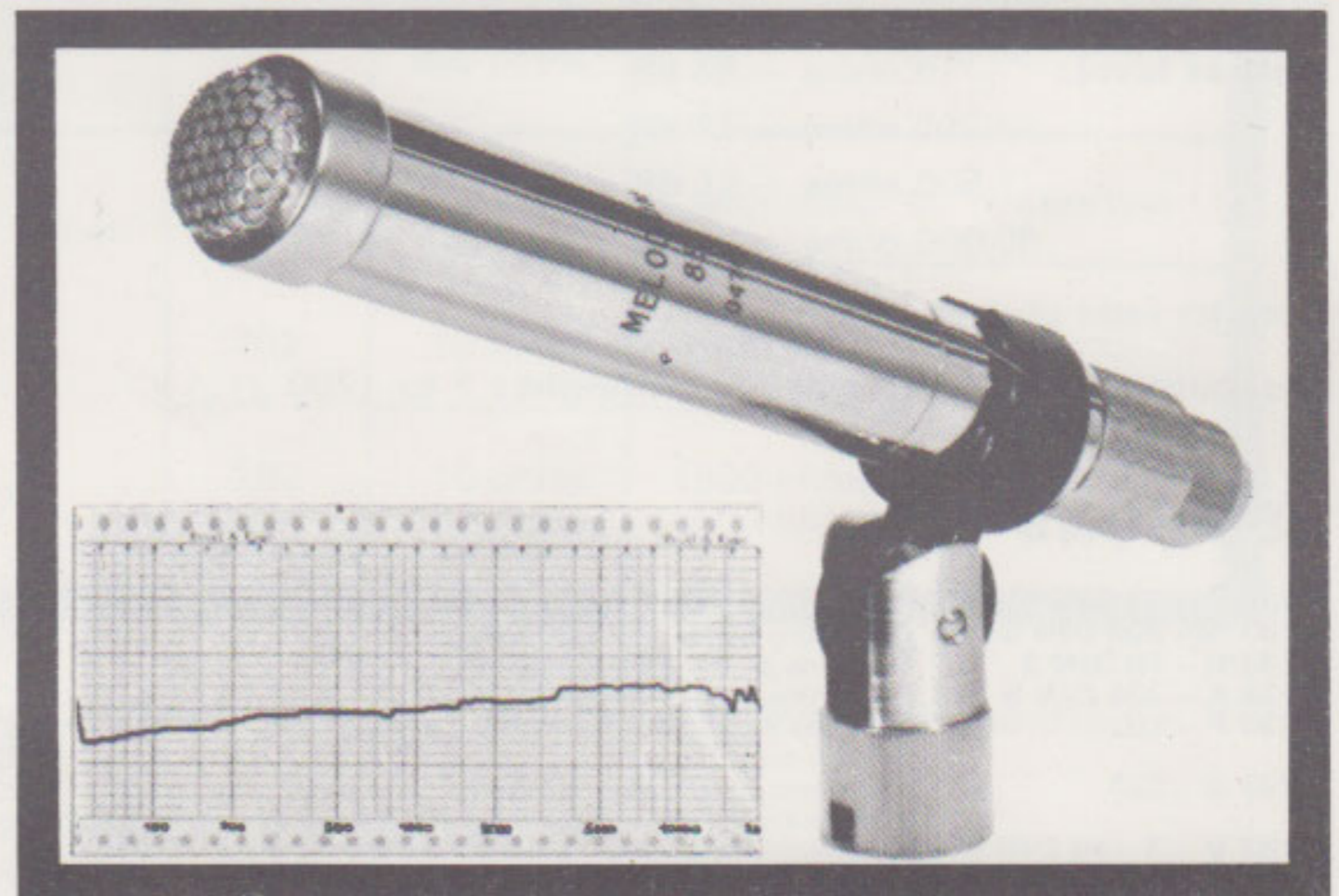
Output level : 10 ohms impedance — 90 dB

200 ohms impedance — 78 dB

Measurement : 5,4" (14 cm)

Weight : 6,3 oz (180 g)

Optional accessories : models 212, 222, 214 and 224 transformers, 310 grip, 320, 322/324, 326, 325 and 327 goosenecks, 340 desk-stand, 350, 351 and 353 floor stands.



NEW MODELS

UNIDIRECTIONAL DYNAMIC MICROPHONE MINIATURE SIZE

C-121

A microphone of light weight, designed to provide exceptional performances at moderate price. Brings to feedback problems a practically elimination, available in four versions.

Specifications: Unidirectional microphone

Impedance: 10 ohms or 200 ohms

Frequency response: 150 to 14.000 c.p.s.

Output level: 10 ohms — 89 dB
200 ohms — 77 dB

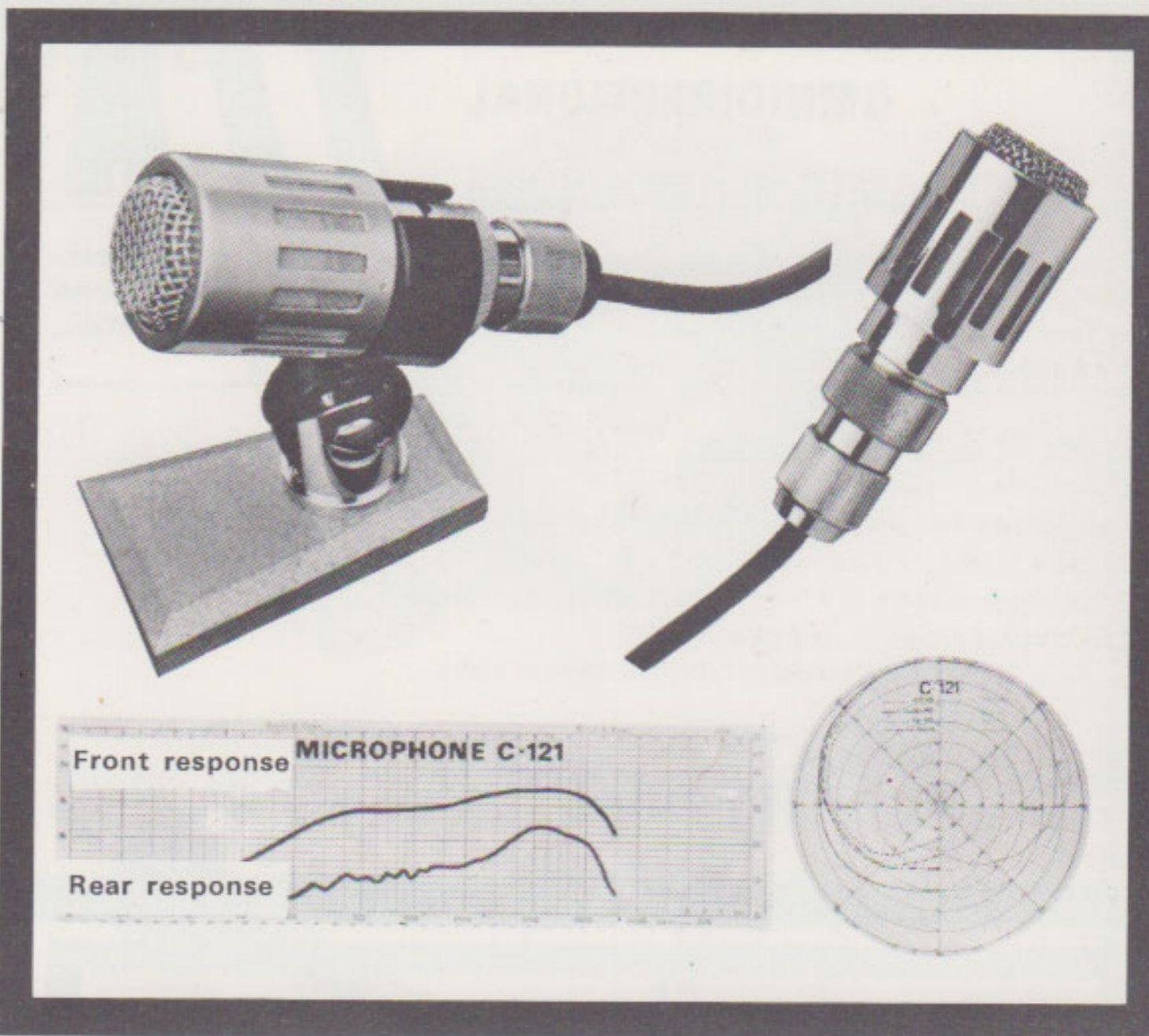
Finish: chrome plated

Measurement: 2,1" (5,5 cm) **Weight:** 2,45 oz (70 g)

Versions:

C 121 A - 10 10 ohms impedance, 3 poles MELODIUM connector
C 121 B - 200 200 ohms impedance, 3 poles MELODIUM connector
C 121 C - 10 DIN 3 10 ohms impedance, 3 poles DIN 3 connector
C 121 D - 200 DIN 3 200 ohms impedance, 3 poles DIN 3 connector

Optional accessories: 212, 222, 214 and 224 transformers, 320, 322/324, 326 and 327 goosenecks, 310 grip, 313 handle, 340 and 342 desk stands, 350, 351, 353 floor stand.



UNIDIRECTIONAL DYNAMIC MICROPHONE

C-133

This new spherical microphone is the latest Melodium development in moderately priced unidirectional dynamics of both music and voice. Suitable for quick change from hand to stand with 310 swivel adaptor. Available in various versions. Some C 133 include a built-in on-off switch.

Model C 133 specifications:

Impedance: 10 ohms, 200 ohms, 1.500 ohms or 80.000 ohms

Frequency response: flat from 50 to 15.000 c.p.s.

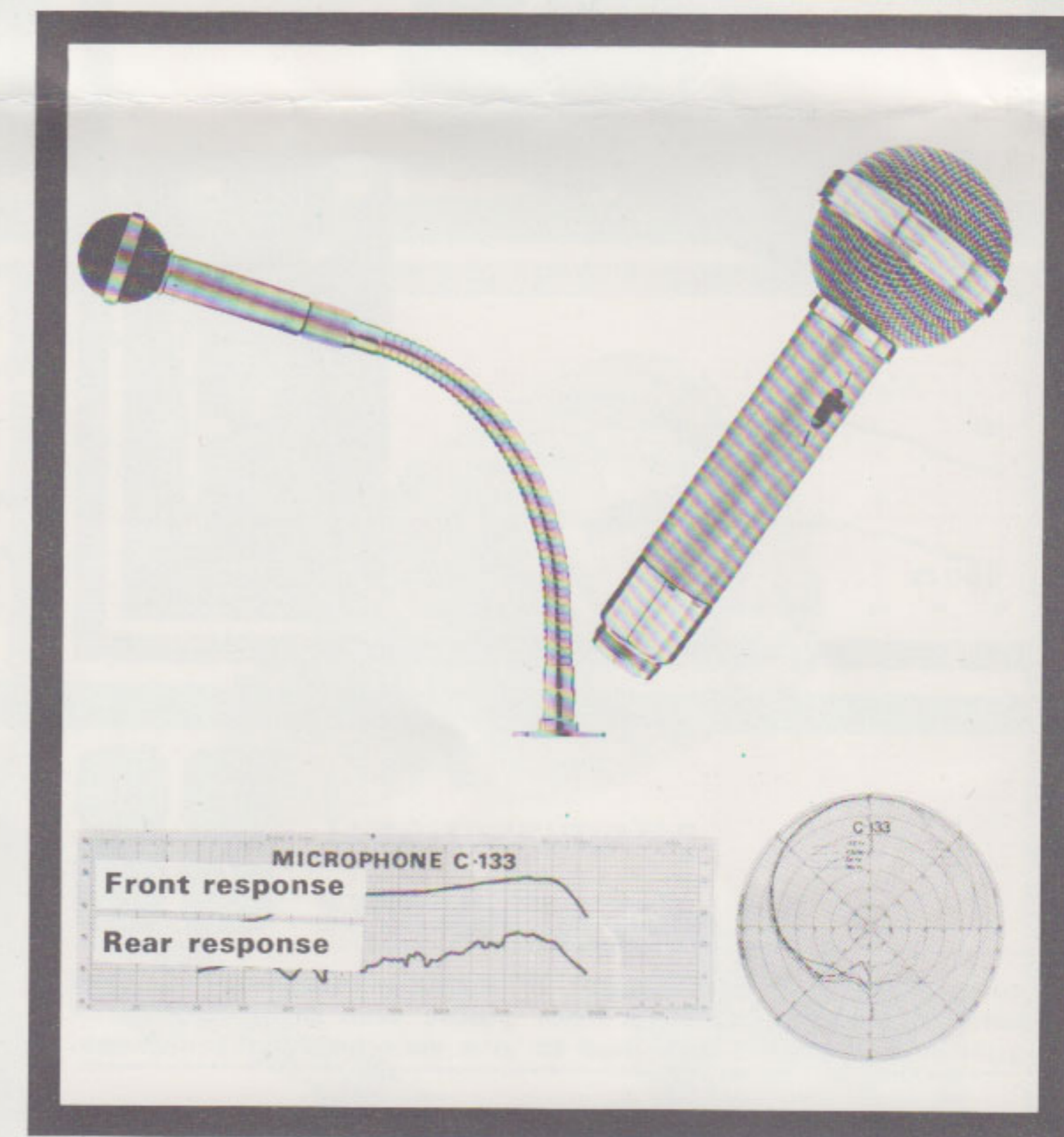
Output level: 10 ohms — 83 dB
200 ohms — 71 dB
1.500 ohms — 61 dB
80.000 ohms — 48 dB

Finish: satin chrome

Measurement: 5" (13 cm) **Weight:** 7 oz (200 g)

VERSIONS

C 133 L - 10 DIN 5 10 ohms built-in on-off switch
C 133 M - 200 DIN 5 200 ohms built-in on-off switch
C 133 H - 10 DIN 3 10 ohms built-in on-off switch
C 133 K - 200 DIN 3 200 ohms built-in on-off switch
C 133 F - 10 10 ohms Melodium connector (3 poles) built-in on-off switch
C 133 G - 200 200 ohms Melodium connector (3 poles) built-in on-off switch
C 133 V - T - HI DIN 5 Low/high impedance built-in on-off remote control switch



C 133 T - T - HI DIN 3 Low/high impedance built-in on-off switch
C 133 S - T - HI Low/high impedance Melodium connector (3 poles) built-in on-off switch
C 133 A - 10 - SI 10 ohms Melodium connector (3 poles) no switch
C 133 B - 200 - SI 200 ohms Melodium connector (3 poles) no switch
C 133 C - 10 - SI DIN 3 10 ohms no switch
C 133 D - 200 - SI DIN 3 200 ohms no switch
C 133 P - T - HI - SI Low/high impedance Melodium connector (3 poles) no switch
C 133 R - T - HI - SI DIN 3 Low/high impedance no switch.

PARTS AND ACCESSORIES

Since 1926, Melodium has been always specialized in the design and production of high grade microphones and a very complete range of microphones accessories such as stands, line transformers, goosenecks, swivel adaptors etc... to meet the growing needs of all classes of professional recording, broadcast and public-address.

Our plant and laboratory with an echoic chamber is well equipped with modern measurement apparatus.

That is why our products are backed by know-how and experience. We take a pride in our work.

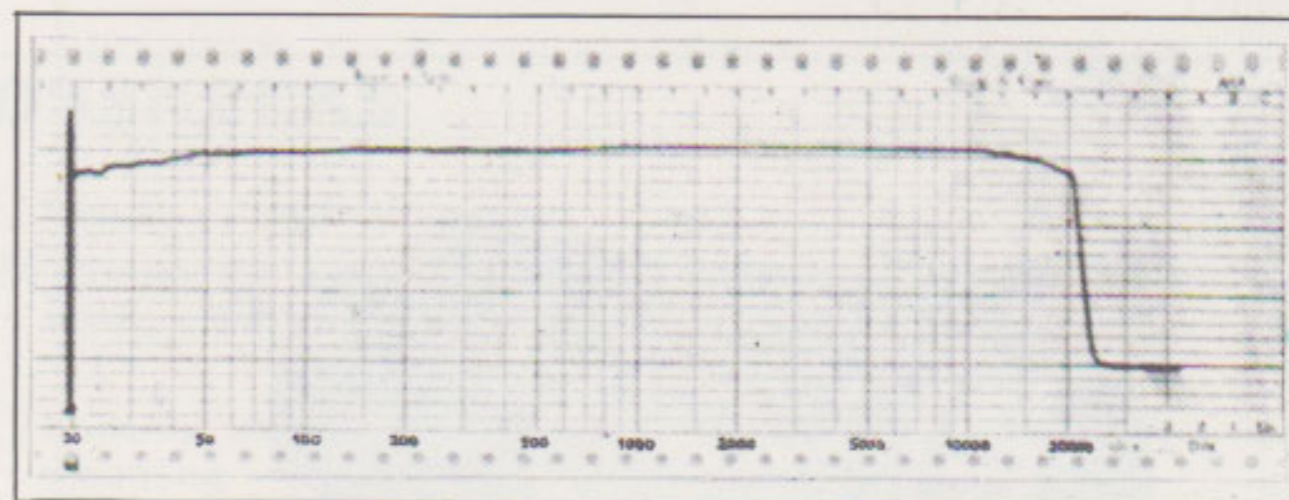
NOTES

- accessories such as microphone handles, goosenecks, transformers with built-in connectors are supplied with connecting plug.
- on-off switches for microphone handles and goosenecks are of non-return type.


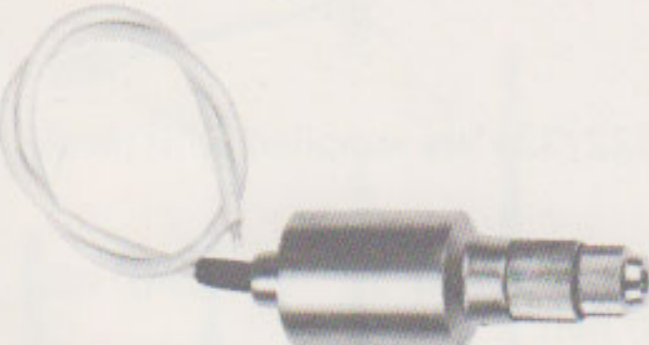
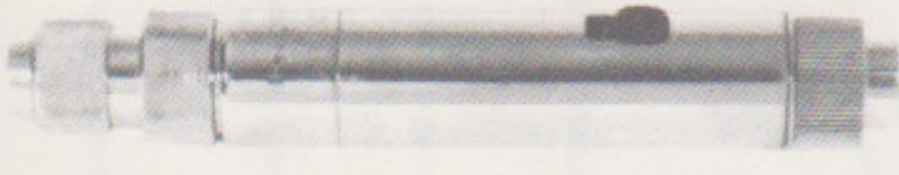
TRANSFORMERS

Consisting of a double winding, housed in Hyperm 7766 mu-metal case and mu-metal laminations, the following range of microphones transformers are suitable for use with any amplifier where the impedance of the microphone is different from the input impedance of the main equipment.

"Low to High" is a special advantage when it is required to use a very long microphone lead.



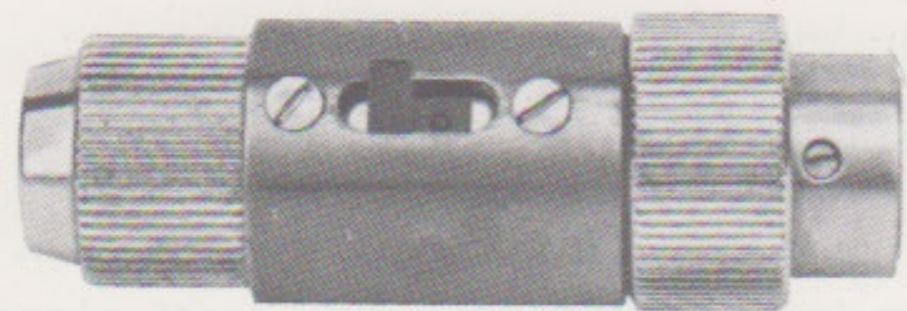
Transformers response curve

Datas		Model	Primary	Secondary	
 <p><u>Line transformer screw fixing</u> Colour coded flying leads (see below) ∅ 0,9" (25 mm) Height : 1,2" (32 mm) Weight : 1,2 oz (35 g)</p>		202	10 ohms	200 ohms	
		222 223 224	10 ohms 50 ohms 200 ohms	High impedance : 80 000 ohms	
		242 244	10 ohms 200 ohms	Low impedance : 1 500 ohms	
 <p><u>Line transformer, Melodium connection fitting</u> ∅ 1,4" (36 mm) Length : 3" (80 mm) Weight : 7 oz (210 g)</p>		212 213 214	10 ohms 50 ohms 200 ohms	High impedance 80 000 ohms	
		232 234	10 ohms 200 ohms	Low impedance 1 500 ohms	
 <p><u>Handle transformer</u> Can fit any Melodium microphone ∅ : 0,9" (22 mm) Length : 5,5" (140 mm) Weight : 6 oz (180 g)</p>				According to connection	
		252 262 264	10 ohms 10 ohms 200 ohms	200 ohms 1500 ohms 1500 ohms	High impedance 80 000 ohms

Impedance leads colour coding: Red : 10 ohms Blue : 50 ohms Green : 200 ohms White : low impedance Yellow : high impedance.

N.B. for special transformers, in minimum quantities of 100, please consult us.

NEW ACCESSORIES



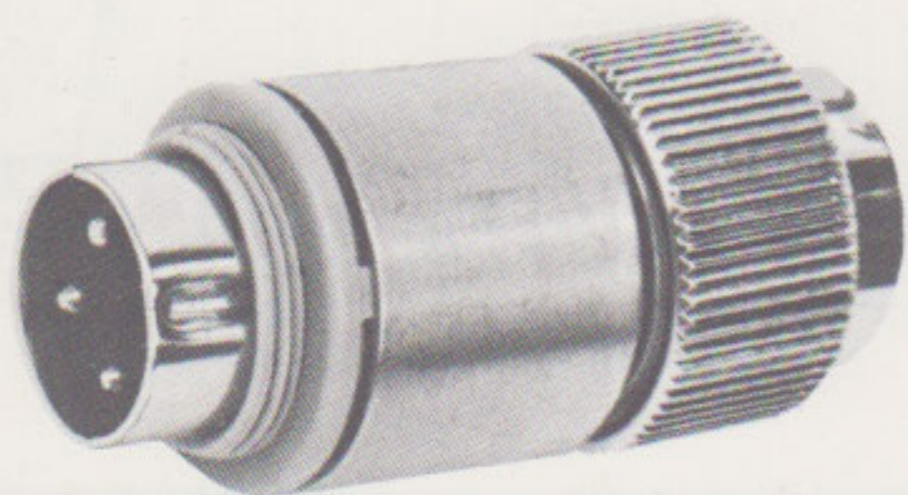
443

443 FEMALE PLUG WITH CHANGEOVER SWITCH

Melodium round female plug with miniature changeover switch, allows:

- a) on-off by short circuit.
- b) remote control (relays, warning light, tape-recorder, public-address amplifiers).

Length of normal plug : 1,5" (37 mm),
 Length with changeover switch: 2,4" (60 mm),
 Plug diameter: 0,8" (20 mm).
 Weight: 2 oz (60 g).
 Diameter of cable clip screw: 0,3" (7,5 mm).



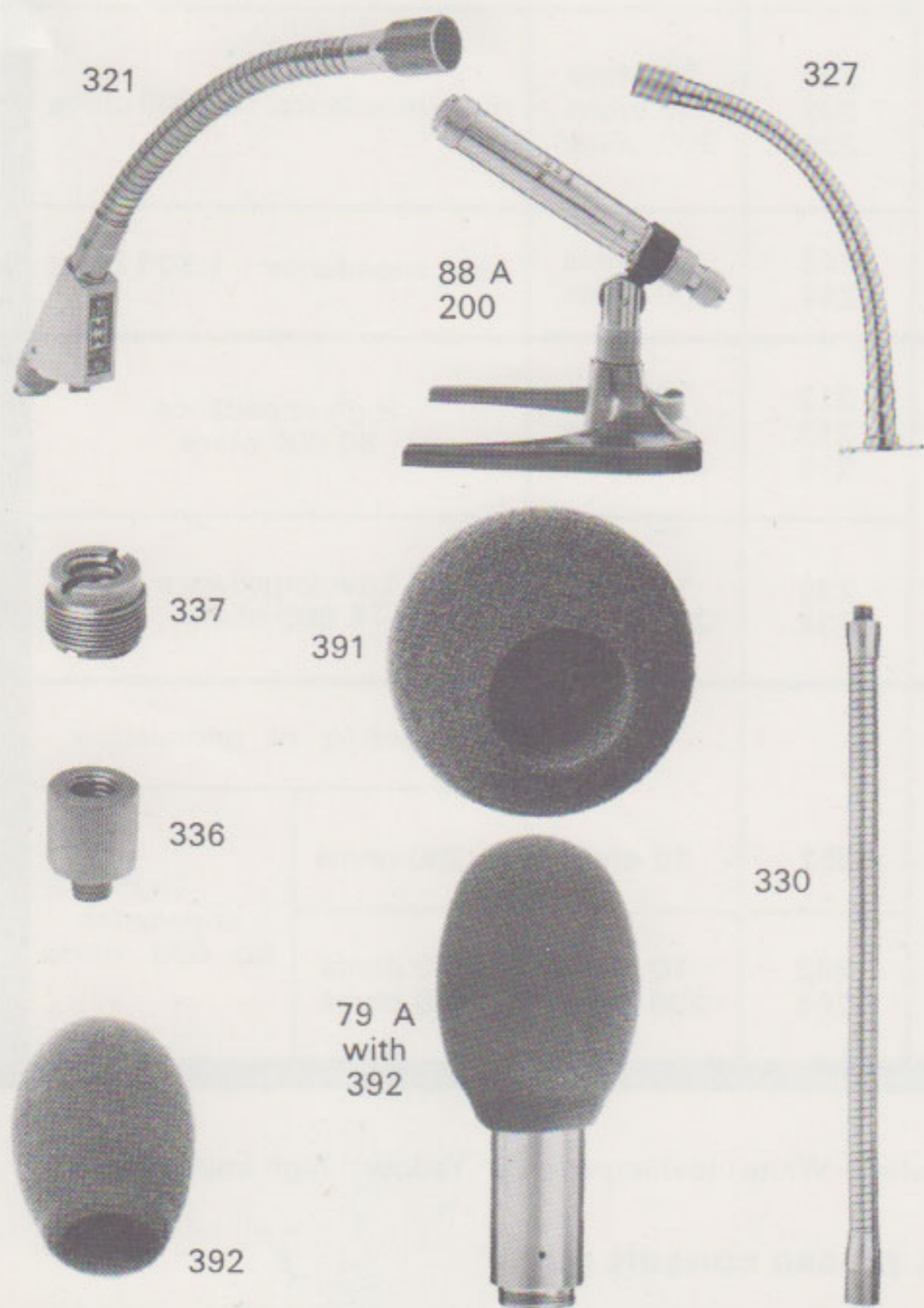
441

441 MELODIUM-DIN ADAPTOR

The patented adaptor allows the use of any Melodium microphone, fitted with Melodium male connector to a standard DIN 3 plug.

This adaptor is instantly fitted or removed.

Overall length: 1,6" (42 mm),
 Diameter: 0,8" (20 mm),
 Weight: 1,40 oz (40 g).



88/200 Very high fidelity microphone with Melodium connector built-in, same as 88/10 ohms microphone but with 200 ohms impedance.

321 Gooseneck for transistored high impedance microphone with switch.

Goosenecks N° 320, 321, 322/324 are supplied with thread adaptor N° 337.

327 Console mounting gooseneck, length 12" (30 cm) with circular base - flying leads 16" (40 cm).

330 Gooseneck, length 11" (28 cm) - male connector at one end and female connector at the other end 12 x 175.

336 Thread adaptor 12 x 175 - male 3/8" (German).

391 Windshield \varnothing 3,12" (80 mm) for Melodium 77 A or 78 A microphones.

392 Windshield 70 x 45 for Melodium 79 A or 88 microphones.

393 Windshield 115 x 90 for Melodium RM 6 microphone.

394 Windshield 85 x 72 for Melodium 76 A, 78 A and C 113 microphones.

STANDS AND ACCESSORIES

SUPPORTS

Stands and supports described can be assembled one on another by 12 x 175 SI international screw threads, they can also be adapted to American or German supports with 336, 338 or 339 adaptors.

- 310 Quick released grip, fit any Melodium microphones (with or without hand-grips). Quick release part for quick detachment of microphone from floor or table stand.
- 312 Microphone handle with on-off switch and compensating resistance
314 Can be directly placed on 310 grip.
Diameter: 0,9" (22 mm) Length: 4,7" (120 mm) Weight: 5,25 oz (150 g).

GOOSENECKS

- 320 Gooseneck without switch.
322/334 Gooseneck same as type 320 with on-off switch and compensating resistance.
- 325 Console mounting gooseneck, length 11" (28 cm) — screw mounting — flying leads 16" (40 cm).
326 Console mounting gooseneck, length 24" (60 cm) — circular base — flying leads 16" (40 cm).
- 328 Gooseneck extension, length 11" (27 cm) — suitable for all the above goosenecks.

INTERMEDIATE SUPPORTS

- 331 Support for two microphones on grips or goosenecks.
335 Height adaptor, length 3" (7 cm).

THREAD ADAPTORS

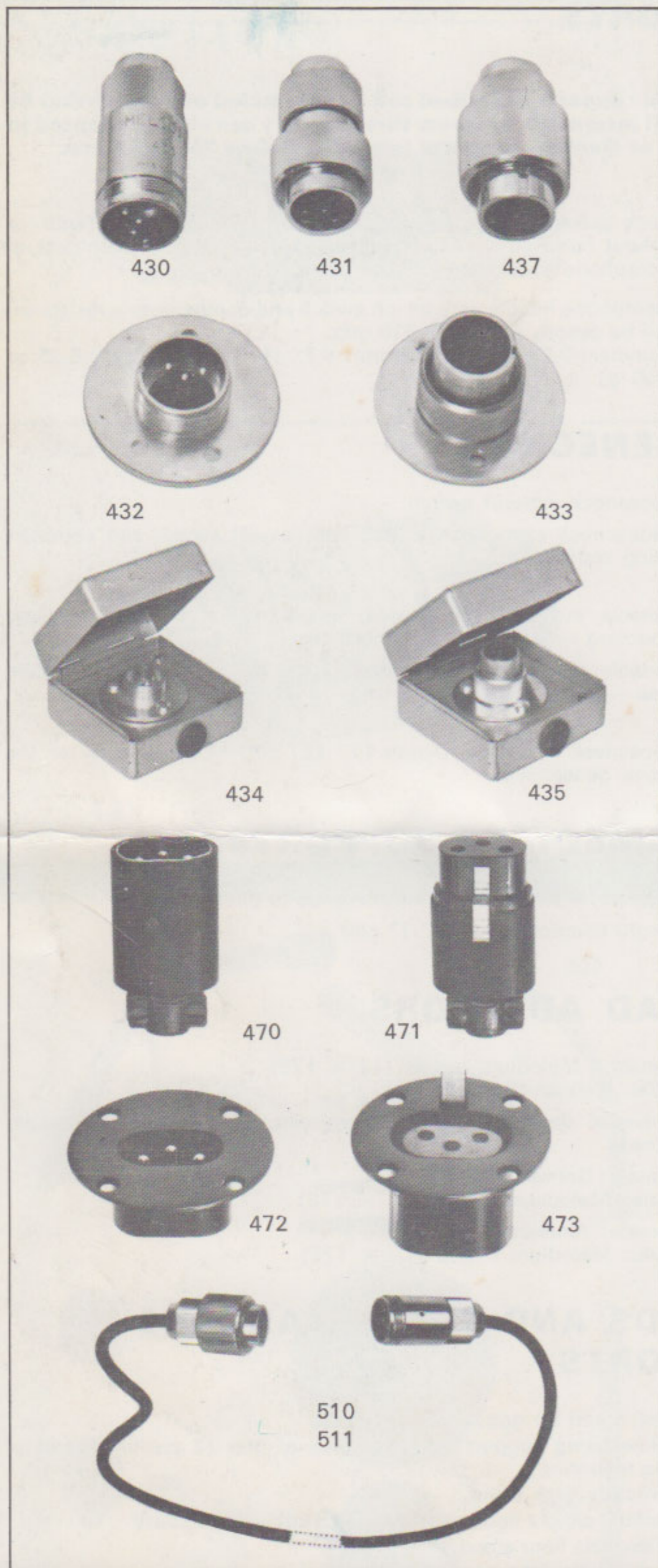
- 336 Female: Melodium thread (12 x 175)
Male: German thread (3/8")
337 Universal thread adaptor fit American, German and Melodium threads
338 Female: German thread (3/8")
Male: Melodium thread (12 x 175)
339 Female: American thread (5/8")
Male: Melodium thread (12 x 175).

STANDS AND MISCELLANEOUS SUPPORTS

- 340 Desk stand for gooseneck or grip.
341 Screw-fixing support for gooseneck or grip (2 positions, end or side mounting).
342 Miniature desk stand.
350 Medium weight floor stand 8 lbs (3,8 kg) — tripod base.
351 Collapsible floor stand - tripod base.
353 Heavy duty floor stand 20 lbs (9 kg).
360 Telescopic boom arm with counter-balance - longitudinal adjustment length mini. 31" (0,80 m) - length maxi. 62" (1,60 m).
370 Lavalier neck suspension cord and quick release clip.



ACCESSORIES AND PARTS



CONNECTORS

Three pins connections - Center pin to earth

ROUND MODELS chromed brass with screw lock

- 430 Melodium male connector cable clip.
- 431 Melodium female connector with cable clip.
- 432 Melodium male connector chassis mounting.
- 433 Melodium female connector chassis mounting.
- 434 Melodium male connector wall mounting.
- 435 Melodium female connector wall mounting.
- 437 Melodium female connector with locking ring to fix the microphone on grip N° 310.
- 444 DIN 3 male connector.
- 445 DIN 3 female connector.
- 447 DIN 5 female connector.

OVAL MODELS in die-cast zinc, finish bronze, with locking spring

- 470 Male connector with cable clip.
- 471 Female connector plug with cable clip.
- 472 Male chassis wall mounting connector.
- 473 Female chassis wall mounting connector.

CABLES AND CABLE EXTENSIONS :

to connect microphones to amplifiers or parts.

- 510 Rubber coated cable 550 - length 10 meters - 3 pins connectors (one end N° 430 the other end N° 431).
- 511 Rubber coated cable 550 - length 5 meters - 3 pins connectors (one end N° 430 the other end N° 431).
- 530 Grey co-axial cable by meter.
- 531 Cable 530 - length 5 meters - with one connector N° 431. High impedance connection.
- 540 Black co-axial cable by meter.
- 541 PVC coated cable 540 - length 5 meters - with one connector N° 431. Low impedance connection.
- 550 Rubber coated cable \varnothing 0,2" (5 mm) - Three leads - by meter.
- 560 PVC coated cable 3 leads same as 550 type. Recommended for fixed installations.
- 570 PVC coated cable 4 leads \varnothing 0,3" (7 mm) same as 560 type.



MELODIUM