

EXTERNAL SPEAKER SP-41

Thank you for choosing this Icom product. **READ ALL INSTRUCTIONS** carefully and completely before using this product.

FEATURES

- Best match for the IC-7610.
- Front panel HIGH/LOW (Audio tone) switches.
- Front panel mute switch, rear panel A and B input jacks.

EXPLICIT DEFINITIONS

WORD	DEFINITION
⚠ WARNING!	Personal injury, fire hazard or electric shock may occur.
CAUTION	Equipment damage may occur.

PRECAUTIONS

⚠ **WARNING! NEVER** disassemble, modify or repair the SP-41. This may result in an electrical shock, cause a fire or damage the SP-41.

⚠ **WARNING! NEVER** install the SP-41 in a wet place or outside. This may result in an electrical shock, cause a fire or damage the SP-41.

⚠ **WARNING! NEVER** put the SP-41 in any unstable place (such as on a slanted surface or vibrating place). This may cause injury and/or damage to the SP-41.

CAUTION: DO NOT let metal, wire or other objects protrude into the aperture of the speaker. This could damage the SP-41.

CAUTION: DO NOT place the SP-41 in excessively dusty environments or in direct sunlight. This could damage the SP-41.

CAUTION: DO NOT use harsh solvents such as benzine or alcohol to clean the SP-41, as they can damage the SP-41 surfaces. If the SP-41 becomes dusty or dirty, wipe it clean with a dry, soft cloth.

SPECIFICATIONS

Impedance: 8 Ω
 Rated Input Power: 5 W
 Maximum Input Power: 7 W
 Dimensions: 145 (W) × 118 (H) × 277 (D) mm,
 (Projections not included) 5.7 (W) × 4.65 (H) × 10.9 (D) in.
 Weight (without cables): Approximately 2.2 kg, 18.7 lb

All specifications are subjects to change without notice or obligation.

SUPPLIED ACCESSORIES

Item	Quantity
Mini plug cable (Approximately 1.5 m, 4.9 ft).....	2

ABOUT CE

CE The SP-41 complies with the essential requirements of the 2014/30/EU directive for Electromagnetic Compatibility and the 2001/95/EC directive for General Product Safety.

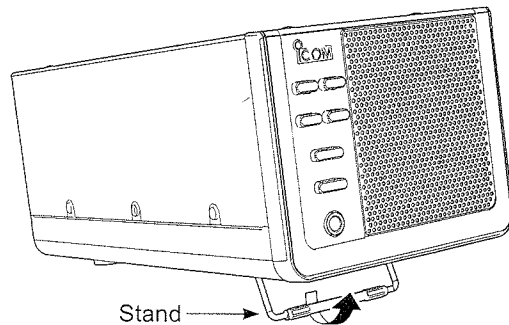
DISPOSAL



The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union, all electrical and electronic products, batteries, and accumulators (rechargeable batteries) must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws in your area.

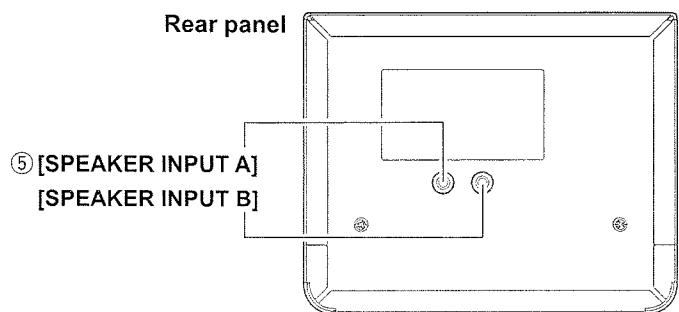
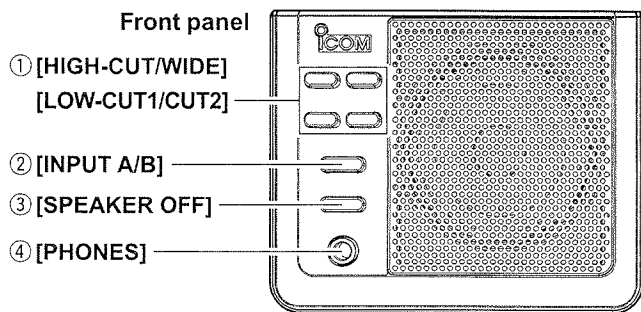
FOR DESKTOP USE

Pull out the stand until it locks in place.



PANEL DESCRIPTION

Each switch is lockable, and is enabled when pressed in (☑). Push again to unlock and release the switch (☐).



① TONE SELECT SWITCHES

[HIGH-CUT/WIDE], [LOW-CUT1/CUT2]

Set to your favorite audio tone with 4 switches.

① Refer to the following Frequency response characteristics.

HIGH	OFF ☐	Attenuates audio output frequencies of approximately 800 Hz or higher (-3 dB/Oct).
	CUT ☑	Attenuates audio output frequencies of approximately 400 Hz or higher (-3 dB/Oct). ① When WIDE is pressed in, this switch is disabled.
	WIDE ☑	No effect on high audio output frequencies.
LOW	OFF ☐	No effect on low audio output frequencies.
	CUT1 ☑	Attenuates audio output frequencies of approximately 900 Hz or lower (-3 dB/Oct). ① When CUT2 is pressed in, this switch is disabled.
	CUT2 ☑	Attenuates audio output frequencies of approximately 2 kHz or lower (-3 dB/Oct).

② AUDIO INPUT SELECTION SWITCH [INPUT A/B]

Push to select the [SPEAKER INPUT A] or [SPEAKER INPUT B] jacks on the rear panel.

- ☑ : Selects the [SPEAKER INPUT A] jack.
- ☐ : Selects the [SPEAKER INPUT B] jack.

③ SPEAKER MUTE SWITCH [SPEAKER OFF]

Mutes the speaker or headphone audio output.

- ☑ : Outputs the audio.
- ☐ : Mutes the audio.

TIP : If no sound is heard from both the speaker and headphones, confirm the [SPEAKER OFF] switch is released.

④ HEADPHONES JACK [PHONES] (6.35 mm: 1/4 in. (d))

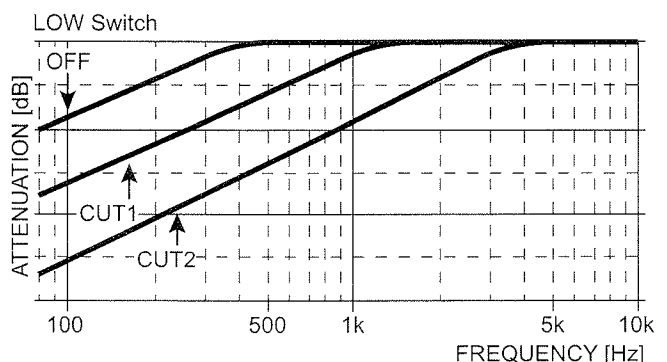
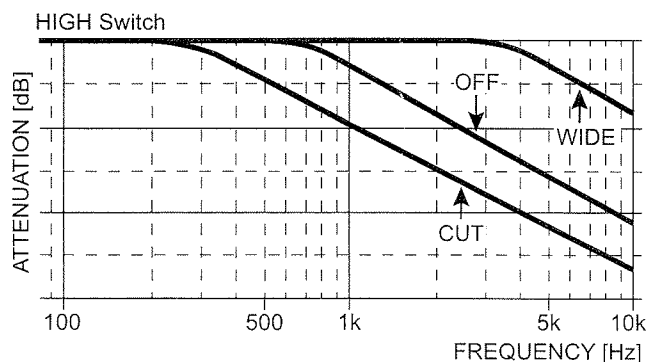
Connect headphones (impedance: 4-32 Ω) to this jack. The built-in speaker does not sound while the [PHONES] jack is being used.

⑤ AUDIO INPUT JACK (3.5 mm: 1/8 in. (d)) [SPEAKER INPUT A], [SPEAKER INPUT B]

Connect to a transceiver or a receiver's external speaker jack using the supplied audio cable.

① The SP-41 can be connected to two transceivers or receivers.

FREQUENCY RESPONSE CHARACTERISTICS



① The graphs show the characteristics of the audio from the speaker.

EXTERNAL SPEAKER SP-41

Features

- Best match for the IC-7610.
- Front panel HIGH/LOW (Audio tone) switches.
- Front panel mute switch, rear panel A and B input jacks.

Explicit definitions

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⚠ WARNING!	Personal injury, fire hazard or electric shock may occur.
CAUTION	Equipment damage may occur.

Precautions

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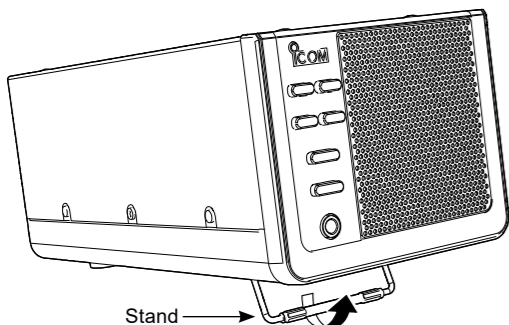
Specifications

Impedance:	8 Ω
Rated Input Power:	5 W
Maximum Input Power:	7 W
Dimensions:	145 (W) × 118 (H) × 277 (D) mm, (Projections not included)
	5.7 (W) × 4.65 (H) × 10.9 (D) in.
Weight (without cables):	Approximately 2.2 kg, 18.7 lb
Operating temperature range:	-10°C ~ +60°C, 14°F ~ +140°F

All specifications are subjects to change without notice or obligation.

For desktop use

Pull out the stand until it locks in place.



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Supplied accessories

Item	Quantity
Mini plug cable (Approximately 1.5 m, 4.9 ft)	2

FCC information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Changes or modifications to this transceiver, not expressly approved by Icom Inc., could void your authority to operate this transceiver under FCC regulations.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Disposal



The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that in the European Union, all electrical and electronic products, batteries, and accumulators (rechargeable batteries) must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws in your area.

About CE

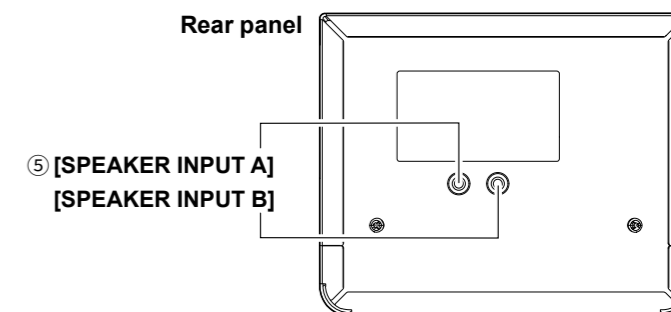
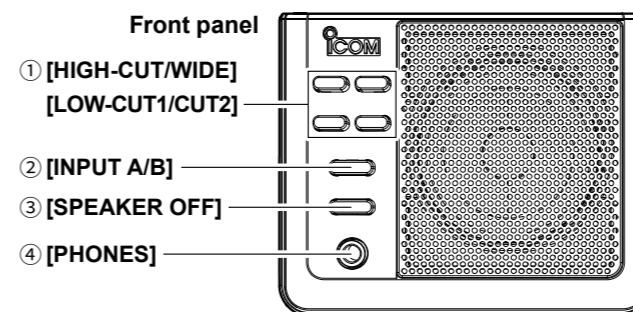


The SP-41 complies with the essential requirements of the 2014/30/EU directive for Electromagnetic Compatibility and the 2001/95/EC directive for General Product Safety.

Below statement is for UKCA purpose only
United Kingdom Authorised Importer: Icom (UK) Ltd.
Address: Blacksole House, Altira Park, Herne Bay, Kent, CT6 6GZ, U.K.

Panel description

Each switch is lockable, and is enabled when pressed in (☑). Push again to unlock and release the switch (☐).



① TONE SELECT SWITCHES [HIGH-CUT/WIDE], [LOW-CUT1/CUT2]

Set to your favorite audio tone with 4 switches.

① Refer to the following Frequency response characteristics.

HIGH	OFF ☑	Attenuates audio output frequencies of approximately 800 Hz or higher (-3 dB/Oct).
	CUT ☑	Attenuates audio output frequencies of approximately 400 Hz or higher (-3 dB/Oct). ① When WIDE is pressed in, this switch is disabled.
	WIDE ☑	No effect on high audio output frequencies.
LOW	OFF ☑	No effect on low audio output frequencies.
	CUT1 ☑	Attenuates audio output frequencies of approximately 900 Hz or lower (-3 dB/Oct). ① When CUT2 is pressed in, this switch is disabled.
	CUT2 ☑	Attenuates audio output frequencies of approximately 2 kHz or lower (-3 dB/Oct).

② AUDIO INPUT SELECTION SWITCH [INPUT A/B]

Push to select the [SPEAKER INPUT A] or [SPEAKER INPUT B] jacks on the rear panel.

- ☑ : Selects the [SPEAKER INPUT A] jack.
- ☐ : Selects the [SPEAKER INPUT B] jack.

③ SPEAKER MUTE SWITCH [SPEAKER OFF]

Mutes the speaker or headphone audio output.

- ☑ : Outputs the audio.
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TIP : If no sound is heard from both the speaker and headphones, confirm the [SPEAKER OFF] switch is released.

④ HEADPHONES JACK [PHONES] (6.35 mm: 1/4 in. (d))

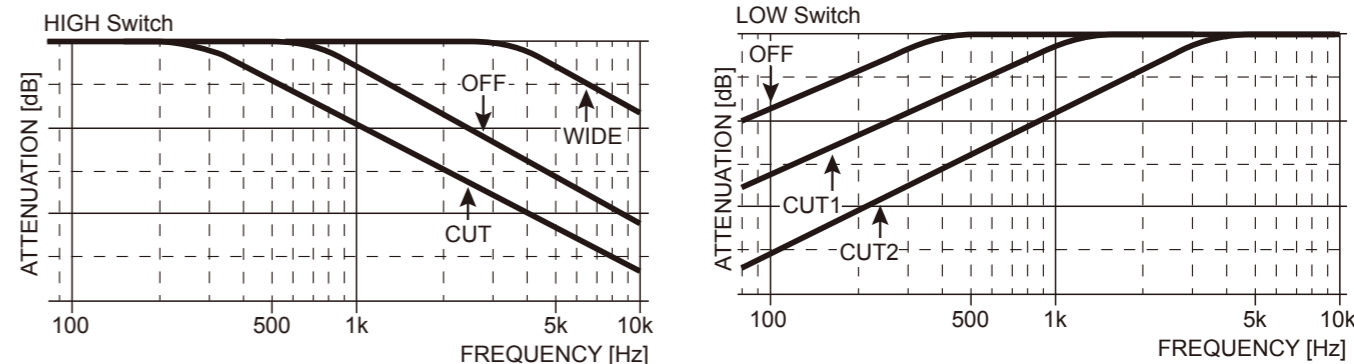
Connect headphones (impedance: 4-32 Ω) to this jack. The built-in speaker does not sound while the [PHONES] jack is being used.

⑤ AUDIO INPUT JACK (3.5 mm: 1/8 in. (d)) [SPEAKER INPUT A], [SPEAKER INPUT B]

Connect to a transceiver or a receiver's external speaker jack using the supplied audio cable.

① The SP-41 can be connected to two transceivers or receivers.

Frequency response characteristics



① The graphs show the characteristics of the audio from the speaker.

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EXTERNAL SPEAKER SP-41

本製品の特長

- ◎IC-7610のサイズに合わせた調和の取れたデザイン
- ◎音質の切り替えスイッチを装備
- ◎A/B 2系統入力、ミュート機能を装備

安全上のご注意(安全にお使いいただくために、必ずお読みください。)

- ◎使用者、および周囲の人への危害や財産への損害を未然に防ぎ、製品を安全に正しくお使いいただくために、守っていただきたい注意事項を示しています。
- ◎次の「△警告」、「△注意」の内容をよく理解してから本文をお読みください。
- ◎お読みになったあとは、いつでも読める場所に保管してください。

△ 警告	これを無視して誤った取り扱いをすると「使用者、および周囲の人が、死亡、または重傷を負う可能性が想定される内容」を示しています。
△ 注意	これを無視して誤った取り扱いをすると「人が傷害を負う可能性が想定される内容、および物的損害のみの発生が想定される内容」を示しています。

△ 警告

- 下記の事項を守らないと、火災、感電、故障の原因になります。
- 製品の分解や改造は、絶対にしないでください。また、ご自分で修理しないでください。
 - 水などでぬれやすい場所(屋外や加湿器のそばなど)に設置しないでください。

定 格

インピーダンス : 8Ω
 定 格 入 力 : 5W
 最 大 入 力 : 7W
 外 形 寸 法 : 約145(W)×118(H)×277(D)mm
 (突起物を除く)
 重 量 : 約2.2kg(付属品を除く)
 使用温度範囲 : -10℃~+60℃

定格、仕様、外観などは、改良のため予告なく変更することがあり、本書の記載とは一部異なる場合があります。

このたびは、本製品をお買い上げいただきまして、まことにありがとうございます。
 ご使用前に、この取扱説明書をよくお読みいただき、正しくお使いください。

付属品

- ◎ミニプラグケーブル(約1.5m) 2
- ◎取扱説明書(本書)

【免責事項について】

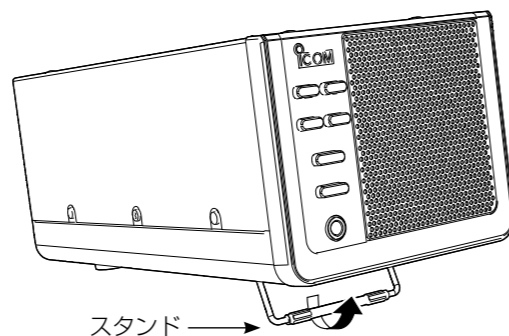
地震・雷・風水害などの天災および当社の責任以外の火災、本製品の違法な使用、お客様または第三者が取扱説明書とは異なる使用方法で本製品を使用することにより生じた損害につきましては、法令上の賠償責任が認められる場合を除き、当社は一切責任を負いませんので、あらかじめご了承ください。

△ 注意

- ◎直射日光の当たる場所や空調機器の吹き出し口など、温度変化の激しい場所に置かないでください。変形、変色、火災、故障の原因になることがあります。
- ◎本製品をぐらついた台の上や傾いたところなど、不安定な場所に設置しないでください。落ちたり倒れたりして、けがの原因になることがあります。
- ◎湿気やホコリの多い場所には設置しないでください。故障の原因になることがあります。
- ◎針金などの細い棒でスピーカーの開閉口に触れないでください。故障の原因になることがあります。
- ◎清掃するときは、洗剤や有機溶剤(シンナー、ベンジンなど)を絶対に使用しないでください。ケースが損傷したり、塗装がはがれたりする原因になることがあります。ふだんは、乾いたやわらかい布でふき、汚れのひどいときは、水を含ませたやわらかい布をかたく絞ってふいてください。

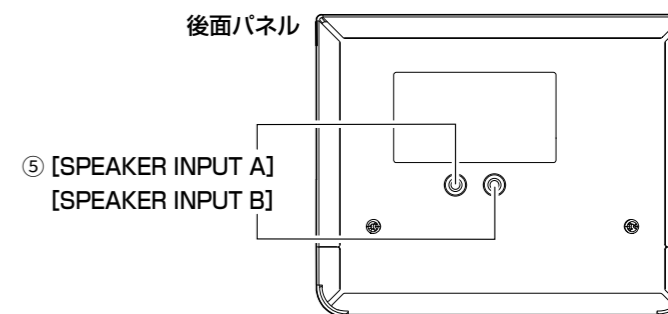
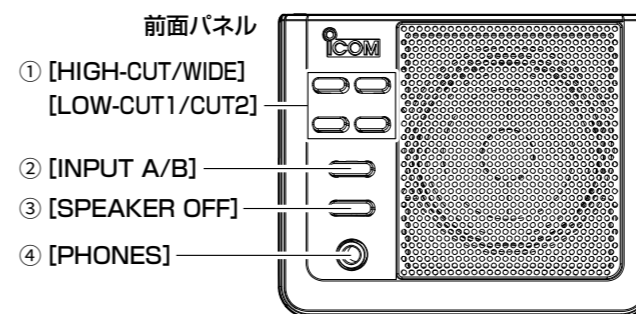
スタンドの使用

前面部を上に向けるときは、ロックする位置まで、スタンドを手前に引き出してください。



各部の名称と機能

各スイッチはロック式で、押し込まれた状態(☑)がON、もう一度押しすと、ロックが解除されて、OFF(☒)になります。



①音質切り替えスイッチ [HIGH-CUT/WIDE]、[LOW-CUT1/CUT2]

4つのスイッチで、お好みの音質に設定します。

※下記の周波数応答特性グラフと併せてご覧ください。

HIGH	OFF ☑	800Hz以上の音域を減衰(-3dB/Oct)
	CUT ☑	400Hz以上の音域を減衰(-3dB/Oct) ※「WIDE」を押すと、無効になります。
	WIDE ☑	高音域を補正しない
LOW	OFF ☑	低音域を補正しない
	CUT1 ☑	900Hz以下の音域を減衰(-3dB/Oct) ※「CUT2」を押すと、無効になります。
	CUT2 ☑	2kHz以下の音域を減衰(-3dB/Oct)

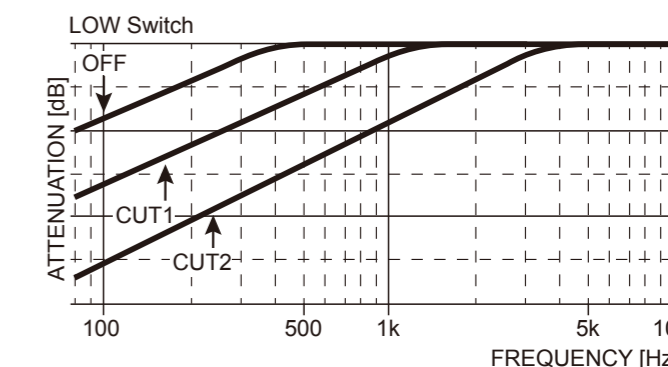
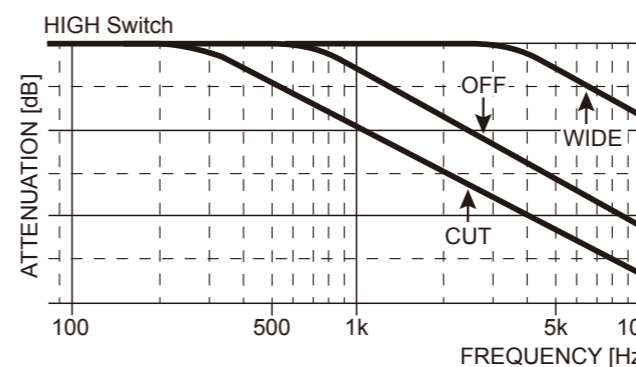
②音声入力切り替えスイッチ [INPUT A/B]

[SPEAKER INPUT A]ジャックと[SPEAKER INPUT B]ジャックの入力を切り替えます。

◎[SPEAKER INPUT A]を選択: ☑

◎[SPEAKER INPUT B]を選択: ☑

周波数応答特性



※グラフは、スピーカーからの周波数応答特性を示しています。

登録商標/著作権について

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