

PART NUMBERING SYSTEM

OBO-04F N - 0B - 001

Suffix for various spec. of impedance, input voltage and sensitivity level.

Serial number for various types & tolerance of sensitivity

0 : for standard type, 1~9 : for special type

A : sensitivity level with +/-2dB tolerance

B : sensitivity level with +/-3dB tolerance

C : sensitivity level with +/-4dB tolerance

For leads type

N : W/O leads

W : Wire type

R : With Mic. Holder

KP : Pin type

A : Pin type W/Capacitor

M : With Capacitor & Mic. Holder

B : Wire type W/Capacitor

C : W/Capacitor only

G : Wire type W/Mic. Holder

T : Wire type W/Mic. Holder & Capacitor

H : PIN Type W/Mic. Holder

Various microphone types

NOTE : The testing conditions of input voltage and impedance are able to be changed as per specific inquiry

電容式麥克風產品編號原則

OBO-04F N - 0B - 001

流水號，依不同測試電壓、阻值及感度而定

規格流水號及感度誤差別

0 :標準品

1~9 :特殊規格

A :感度誤差+/-2dB

B :感度誤差+/-3dB

C :感度誤差+/-4dB

材料焊接類

N :標準品

W :焊線

R :加導電橡膠套

KP :焊PIN

A :焊PIN+電容

M :加電容貼片及導電橡膠套

B :焊線+電容

C :焊電容

G :焊線+橡膠套

T :焊線+橡膠套+電容貼片

H :焊PIN+橡膠套

系列編碼

注意：電阻值（Ω）及輸出電壓（V）可依客戶需求作變更

ELECTRIC CONDENSER MICROPHONE

MODEL NO.	Dimensions DØ×H(mm)	Testing Conditions		指向性	Directivity	Capacitor	Page NO.
		Vs	RL(Ω)				
OBO-D64MN-0B-00Q	6.0×2.2	-	-	全指向	Omnidirectional	-	58
OBO-M41EN-2B-012	4.0×1.5	2.0V	2.2K	全指向	Omnidirectional	-	59
OBO-M62EN-2B-012	6.0×2.2	2.0V	2.2K	全指向	Omnidirectional	-	59
OBO-B68DN-0C	6.0×1.8	2.0V	2.2K	雜音濾除	Noise Cancelling	-	60
OBO-64DN-0C	6.0×2.2	2.0V	2.2K	雜音濾除	Noise Cancelling	-	60
OBO-08DN-0C	6.0×2.7	2.0V	2.2K	雜音濾除	Noise Cancelling	-	61
OBO-20DN-0C	9.7×5.0	1.5V	680Ω	雜音濾除	Noise Cancelling	-	61
OBO-B45BN-0B-017	4.0×1.5	2.0V	2.2K	單指向	Unidirectional	-	62
OBO-16BN-0C	6.0×5.2	2.0V	2.2K	單指向	Unidirectional	-	63
OBO-20BN-0C	9.7×5.0	1.5V	680Ω	單指向	Unidirectional	-	63
OBO-B41SN-0B	4.0×1.0	2.0V	2.2K	全指向	Omnidirectional	-	64
OBO-B41KP-0B	4.0×1.0	2.0V	2.2K	全指向	Omnidirectional	-	64
OBO-B41EN-0B	4.0×1.0	2.0V	2.2K	全指向	Omnidirectional	-	64
OBO-B43SN-0B	4.0×1.3	2.0V	2.2K	全指向	Omnidirectional	-	65
OBO-B43KP-0B	4.0×1.3	2.0V	2.2K	全指向	Omnidirectional	-	65
OBO-B43EN-0B	4.0×1.3	2.0V	2.2K	全指向	Omnidirectional	-	65
OBO-45SN-0B	4.0×1.5	2.0V	2.2K	全指向	Omnidirectional	-	66
OBO-45KP-0B	4.0×1.5	2.0V	2.2K	全指向	Omnidirectional	-	66
OBO-45EN-0B	4.0×1.5	2.0V	2.2K	全指向	Omnidirectional	-	66
OBO-48KP-0B	4.5×1.8	2.0V	2.2K	全指向	Omnidirectional	-	67
OBO-40SN-0B	4.5×3.0	2.0V	2.2K	全指向	Omnidirectional	-	68
OBO-40KP-0B	4.5×3.0	2.0V	2.2K	全指向	Omnidirectional	-	68
OBO-40EN-0B	4.5×3.0	2.0V	2.2K	全指向	Omnidirectional	-	68
OBO-63SN-0B	6.0×1.3	2.0V	2.2K	全指向	Omnidirectional	-	69
OBO-63KP-0B	6.0×1.3	2.0V	2.2K	全指向	Omnidirectional	-	69
OBO-65SN-0B	6.0×1.5	2.0V	2.2K	全指向	Omnidirectional	-	70
OBO-65KP-0B	6.0×1.5	2.0V	2.2K	全指向	Omnidirectional	-	70
OBO-65EC-0B	6.0×1.5	2.0V	2.2K	全指向	Omnidirectional	-	70
OBO-68SN-0B	6.0×1.8	2.0V	2.2K	全指向	Omnidirectional	-	71
OBO-68KP-0B	6.0×1.8	2.0V	2.2K	全指向	Omnidirectional	-	71
OBO-68EC-0B	6.0×1.8	2.0V	2.2K	全指向	Omnidirectional	-	71
OBO-64SN-0B	6.0×2.2	2.0V	2.2K	全指向	Omnidirectional	-	72
OBO-64KP-0B	6.0×2.2	2.0V	2.2K	全指向	Omnidirectional	-	72
OBO-64EC-0B	6.0×2.2	2.0V	2.2K	全指向	Omnidirectional	-	72
OBO-62SN-0B	6.0×2.7	2.0V	2.2K	全指向	Omnidirectional	-	73
OBO-62KP-0B	6.0×2.7	2.0V	2.2K	全指向	Omnidirectional	-	73
OBO-62EC-0B	6.0×2.7	2.0V	2.2K	全指向	Omnidirectional	-	73
OBO-54LN-0B	9.7×4.5	2.0V	2.2K	全指向	Omnidirectional	-	74
OBO-54LP-0B	9.7×4.5	2.0V	2.2K	全指向	Omnidirectional	-	74
OBO-04FN-0B	9.7×6.5	4.5V	2.2K	全指向	Omnidirectional	-	75
OBO-04FP-0B	9.7×6.5	4.5V	2.2K	全指向	Omnidirectional	-	75

Note : The testing conditions of input voltage and impedance are able to be changed for a specific sensitivity level.

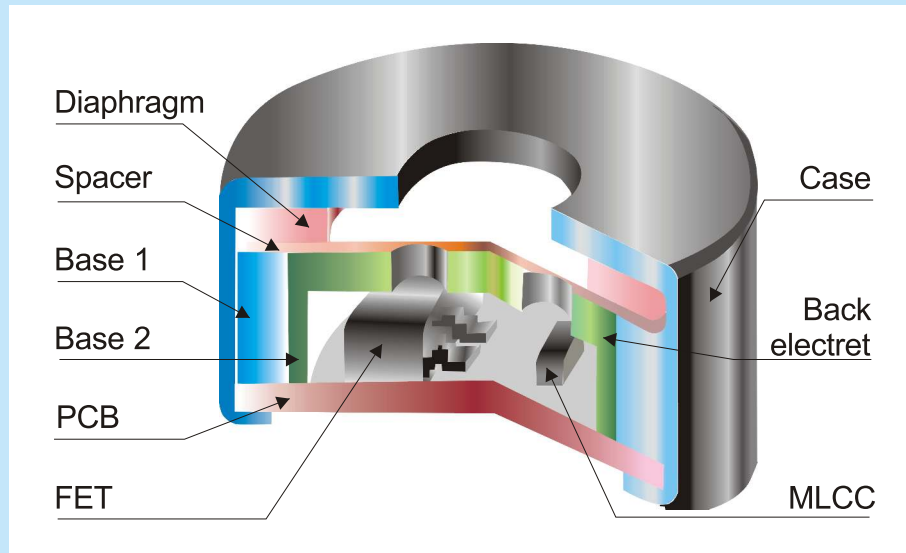
注意事項

依I.E.C. (國際電子協會) 建議，
以"Pa"為感度標示單位。
"Pa"比"μbar" 感度單位增加20dB，
例如：-60dB (0dB=1V/μbar) = -40dB (0dB=1V/Pa)

ATTENTION

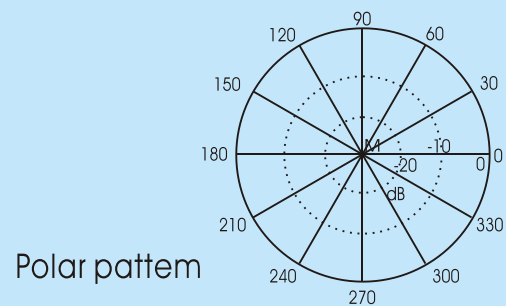
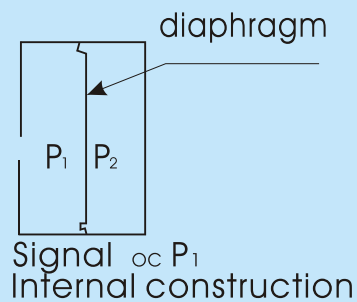
We use Pascale (Pa) indication of sensitivity as per the
recommendation of I.E.C. (International Electrotechnical Commission).
The sensitivity of "Pa" will increase 20dB of μbar indication.
Example : -60dB (0dB=1V/μbar) = -40dB (0dB=1V/Pa)

STRUCTURAL SCHEMA OF ELECTRET CONDENSER MICROPHONE (麥克風結構)



OMNIDIRECTIONAL 全指向麥克風

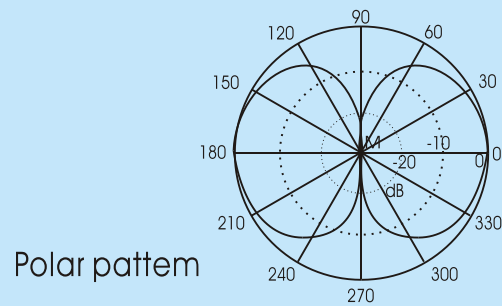
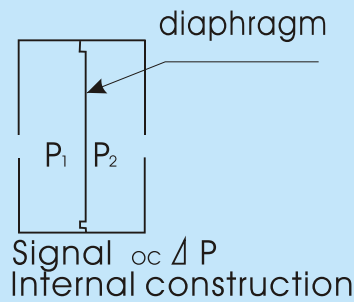
An omnidirectional microphone (also known as a pressure microphone) is a microphone that picks up sound equally well from any direction. It has one sound port. Its output is proportional to the SPL sound pressure microphone that picks up sound equally well from any direction, and at the opening of the sound port. (全指向麥克風是指在任何指向的音質均相同)



NOISE CANCELLING 雜音濾除型麥克風

A noise cancelling microphone (also known as pressure gradient or close talking) is a directional microphone designed for use close to the talker's mouth. Its directional pattern looks like a figure 8, and is called cosine or bidirectional. Thus, the front and rear ports are interchangeable. This microphone is used in headset booms or hand-held microphones. It provides the greatest signal-to-noise ratio available for acoustically transducing a person's voice.

雜音濾除型麥克風是專為近講設計，可使用在耳機或手持式麥克風，可提供相當好的雜音過濾尤其是人聲的部份。



UNIDIRECTIONAL 單指向麥克風

A unidirectional microphone is a directional microphone that improves the signal-to-noise ratio compared to an omnidirectional mic, if it's close to and pointed at the sound source.

單指向麥克風是指向性麥克風相較於全指向可改善訊號與雜音之比率。

