

SHURE®

LEGENDARY
PERFORMANCE™

Wired Microphones
BETA 91A

BETA 91A

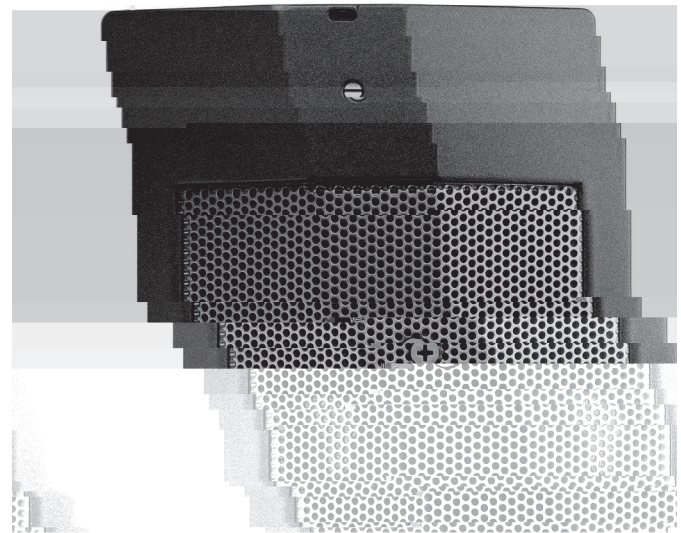
Instrument Microphone

Microphone pour instruments

Instrumentenmikrofon

Microfono per strumento

Micrófono para instrumentos

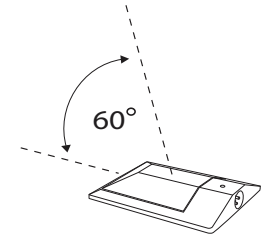




General Description

Applications and Placement

Half-cardioid Polar Pattern



General Rules for Use

Features

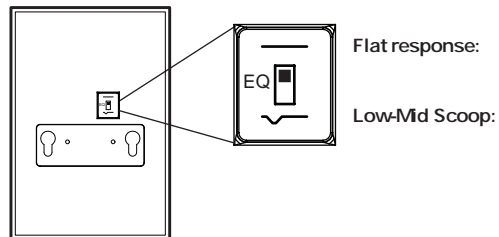
APPLICATION	SUGGESTED MICROPHONE PLACEMENT	TONE QUALITY

Note:

Performance Characteristics

Mounting the Microphone

Contour Switch



Load Impedance

recommends a minimum input load impedance of 1000 Ω . Most modern microphone

Power Requirements

balanced

SPECIFICATIONS

Cartridge Type	
Polar Pattern	
Frequency Response	
Output Impedance	146
Sensitivity	
Maximum SPL	2500 load 1000 load
Signal-to-Noise Ratio	
Dynamic Range	2500 load 1000 load
Clipping Level	2500 load 1000 load
Self Noise	
Common Mode Rejection	55 dB
Frequency Contour Switch	
Connector	
Polarity	
Power Requirements	
Net Weight	

Accessories and Parts

Furnished Accessories

Optional Accessories

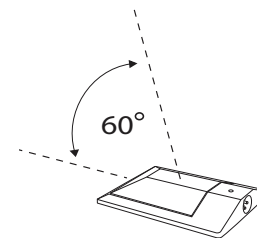
Replacement Parts

CERTIFICATION

Description générale

Applications et placement

Half-cardioid Polar Pattern



Règles générales d'utilisation

Caractéristiques

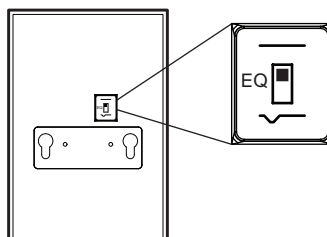
APPLICATION	PLACEMENT SUGGÉRÉ DU MICROPHONE	QUALITÉ DE LA TONALITÉ

Caractéristiques des performances

Remarque :

Montage du microphone

Interrupteur d'égalisation



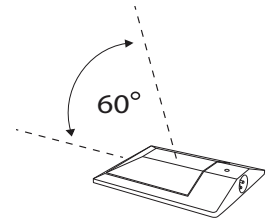
Réponse uniforme :

Correction moyenne-basse en forme de cuillère :

Allgemeine Beschreibung

Verwendung und Platzierung

Halbnierencharakteristik



Allgemeine Regeln für den Gebrauch

Eigenschaften

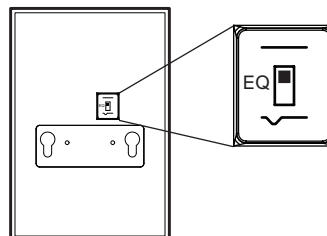
ANWENDUNG	EMPFOHLENE MIKROFONPLATZIERUNG	KLANGQUALITÄT

Leistungsmerkmale

Hinweis:

Befestigung des Mikrofons

Contour-Schalter



Linearer Frequenzgang:

Scoop für Bass-Mitten-Bereich:

Zubehör und Teile
Mitgeliefertes Zubehör

"

Versorgungsspannungen

symmetrisches

TECHNISCHE DATEN

Descrizione generale

Applicazioni e posizionamento

Diagramma polare semicardioide

Caratteristiche

Prestazioni

Impedenza di carico

carico in ingresso di almeno 1000 Ω ; la maggior parte di preamplificatori microfonici

Alimentazione

bilanciato

SPECIFICHE TECNICHE

Tipo di capsula	
Diagramma polare	
Risposta in frequenza	
Impedenza di uscita	146
Sensibilità	
Livello di pressione sonora (SPL) massimo	Carico di 2500 Carico di 1000
Rapporto segnale/rumore	
Gamma dinamica	Carico di 2500 Carico di 1000
Livello di clipping	Carico di 2500 Carico di 1000
Rumore generato internamente	
Reiezione di modo comune	55 dB
Interruttore di frequenza Contour	
Connettore	
Polarità	
Alimentazione	
Peso Netto	

Accessori e parti di ricambio

Accessori in dotazione

Accessori opzionali

Parti di ricambio

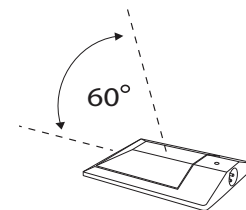
OMOLOGAZIONI

Descripción general

Usos y colocación

Patrón polar de semicardioide

Reglas generales de uso



Características

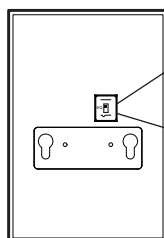
USO	COLOCACION SUGERIDA DEL MICROFONO	CALIDAD DEL TONO

Nota:

Características de rendimiento

Montaje del micrófono

Interruptor de contorno



Respuesta plana:

Respuesta media baja:

Impedancia de carga

fono. Shure recomienda una impedancia de carga de entrada mínima de 1000 .

Requisitos de alimentación

equilibrado

ESPECIFICACIONES

Tipo de cápsula	
Patrón polar	
Respuesta de frecuencia	
Impedancia de salida	146
Sensibilidad	
Nivel de presión acústica (SPL) máx.	Carga de 2500 Carga de 1000
Relación de señal a ruido	
Rango dinámico	Carga de 2500 Carga de 1000
Nivel de limitación	Carga de 2500 Carga de 1000
Ruido autógeno	
Rechazo en modo común	55 dB
Interruptor de contorno de frecuencias	
Conector	
Polaridad	
Requisitos de alimentación	
Peso Neto	

Accesorios y piezas de repuesto

Accesorios suministrados

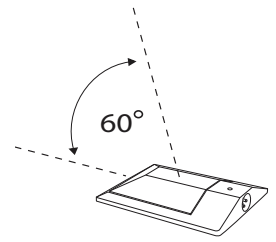
Accesorios opcionales

Repuestos

CERTIFICACIONES

Shure Beta 91A

60



XLR

Beta 91A
«punch»

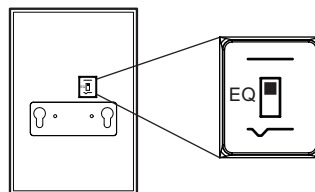
Shure

SPL

XLR

	, 25 152	
	; 25 152	

Beta 91A



«punch»

1000 Shure

(IEC-61938).

11

48

: XLR XLR XLR

	()		
-	20	20,000	
1	146		
1	48.5	/ (3.8)	
1 ()	2500	155	
1 1%	1000	151	
/	64.5		
1	2500	125.5	
	1000	121.5	
20 20 1%	2500	12.5	
	1000	7.5	
	29.5		
20 200	55		
	7	400	
	(XLR),		
	3	2	
	11 52		(IEC-
	61938), 5.4		
Macca	470 (16.6)		

(THD)

94

48

7,6

CE.
 2004/108/EEC
 EN55103-1:1996 EN55103-2:1996
 (E1) (E2).

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Shure Beta 91A

XLR

60

Beta 91A

SPL

3

Shure

SPL

2

XLR

SPL

2

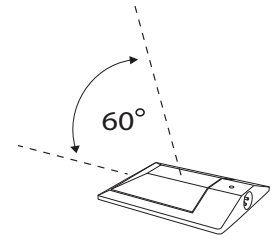
Shure Beta 91A

Beta 91A

XLR

(SPL)

60



3

3 to 1

Shure

(off-axis)

)

SPL

2

(Contour Switch)

XLR

SPL

(Contour Switch)

2



SPL Shure 1000

7.6 m (25 ft)

61938). 11 Vdc 48 Vdc (IEC-
 : XLR-to-XLR XLR-to-TRS.

	()
1 kHz	146
, 1 kHz	
Maximum SPL 1% THD 1kHz	2500 1000
1 kHz	2500 1000
	2500 1000
SPL, A-weighted,	
CMR (Common Mode Rejection)	55 dB
	400 kHz 7 dB
	3 (XLR), (),
	2 3
	(IEC-61938), 5.4 mA

CE (E1) (E2) European EMC Directive 2004/108/EC
 EN55103-2:1996 (Harmonized Standards) EN55103-1:1996

: EMEA()

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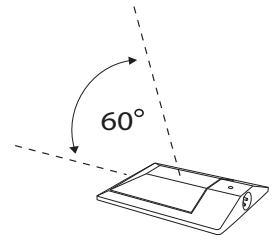
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94 dB SPL THD SPL
 48 Vdc equivalent SPL, A-weighted

Shure Beta 91A

XLR
(SPL) Beta 91A 60



3:1

Shure

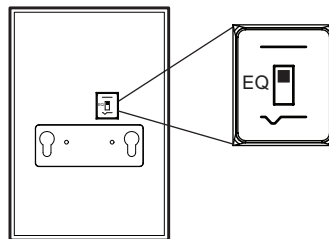
(SPL)

XLR

	152 1 6 25	
	25 152 1 6	

Beta 91A

SPL



11

48

(IEC-61938)

XLR TRS

XLR XLR



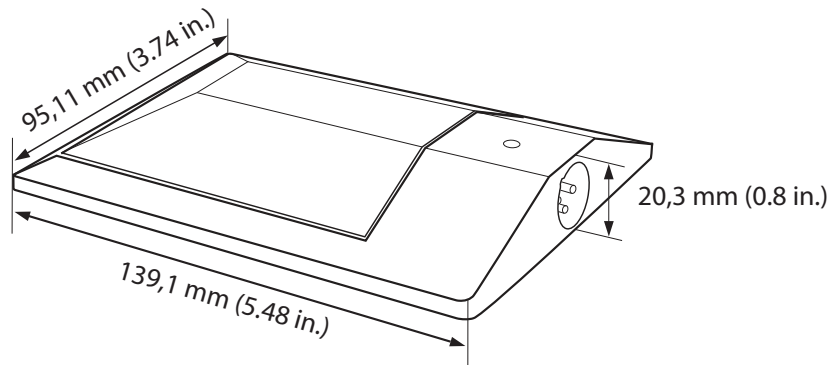
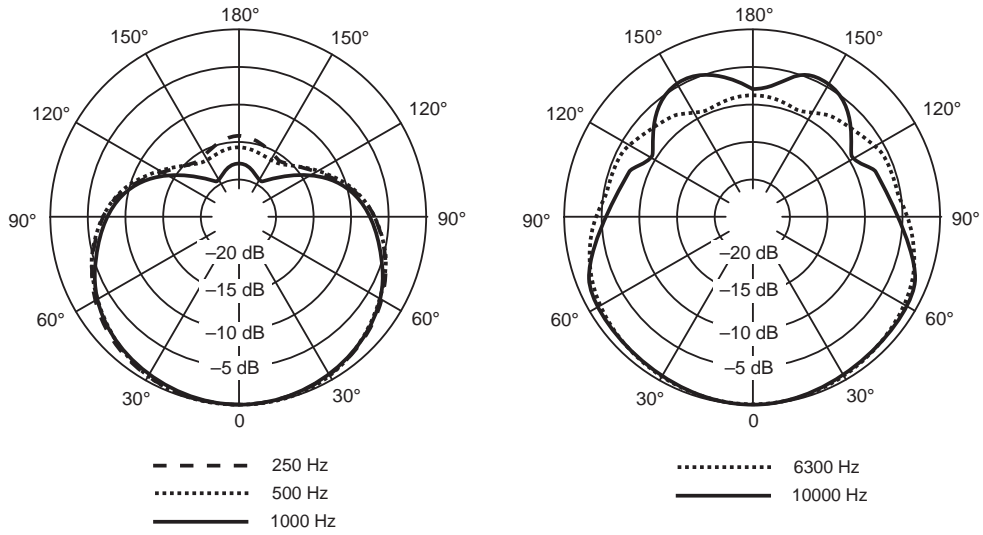
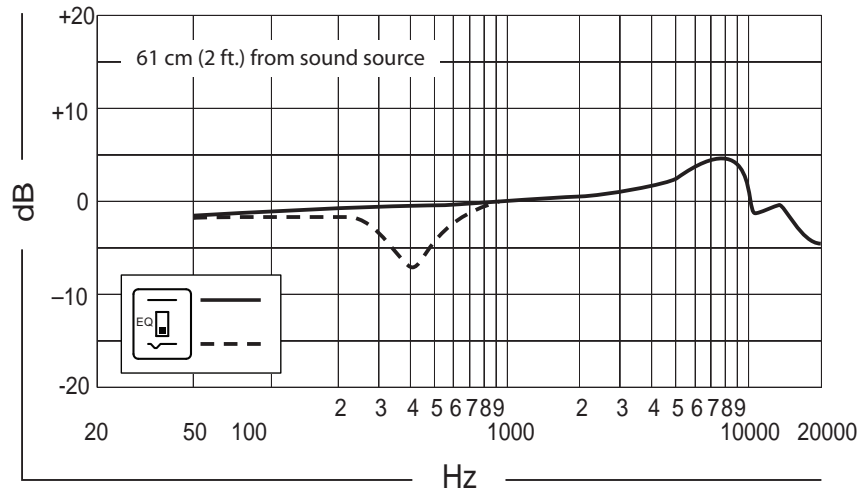
	20 20,000
@ 1	146
, @ 1 ,	48.5 / (3.8)
1% THD 1	2500 1000
@ 1	2500 1000
20 20 , 1% THD	2500 1000
, A- ,	29.5
20 200	55 dB
	400 7
	(XLR)
	2 3
	(IEC-61938), 5.4 mA
	470 (16.6)

94 dB

A

48

Beta 91A









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