

# SHURE®

LEGENDARY  
PERFORMANCE™

Wired Microphones  
BETA181

**Side-Address Condenser Microphone**

**Microphone électrostatique à capture latérale**

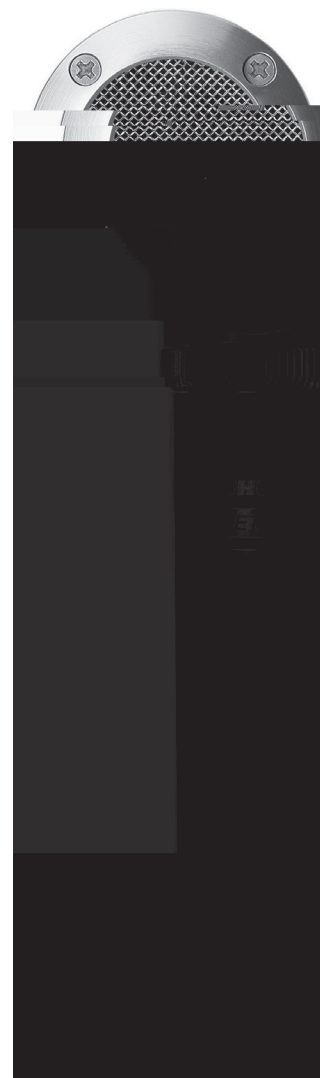
**Von der Seite zu besprechendes Kondensatormikrofon**

**Microfono a condensatore con ripresa laterale**

**Micrófono de condensador de captación lateral**

**Конденсаторный микрофон с боковым приемом**

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## General Description

Rfc Qfspc @cr\_181 gq\_l sjrp\_-amkn\_ar, qqbc-\_bbpcqq, amlbclqcp kgapmnfmllc, bcqglelcb dmp bjqapccr nj\_ac-kclrgl jgtc\_lfb qrsbqm cltqpmllclrq. Dc\_rspgle glrcp-af\_lec\_`jc a\_pbgmqb, qsncpa\_pbgmqb, mk lgbypcargml\_j\_lfb `qbgpcargml\_j\_a\_nqsjcq dmp qsnccpmp tcpq\_rjgrw, rfc qk\_jj bq\_nfp\_ek md rfc @cr\_181 npmtgbcq qsnccpmp\_sbgm ugrf amllqgqrcrlr, orcvr`mmi>nmj\_p pcqnmllcqql \_dmpk\_d\_arnp qk\_jj clmsef rm ecr ajmqc rm rfc qmspac gl rfc rgefrcqr amllbgmllq.

## Variations

**Beta 181/C** A\_pbgmqb Kgapmnfmllc

## Applications and Placement

### Positioning the Microphone

Rfc dpmllr md rfc kgapmnfmllc gq k\_picb `w rfc Qfspc jmem ml rfc npc\_kn\_lb rfc nmj\_p n\_rrcpl gaml ml rfc a\_nqsjc. Nmqqrgml rfgq qqbc rmu\_pb rfc qmslb qmspac.

### General Rules for Use

- \* ?gk rfc kgapmnfmllc rmu\_pb rfc bcqqpcb qmslb qmspac; \_lejc sl u\_lrcb qmslbq rmu\_pb grq null nmjlr.
- \* Sqc rfc dcucqr \_kmslr md kgapmnfmllcq \_q np\_arja\_j rm glapc\_qc rfc *Potential Acoustic Gain* \_lb npctclr dccb`\_ai.
- \* Dmijmu rfc 3 to 1 Rule `w qn\_aqle c\_af kgapmnfmllc `w\_r jc\_qr rfpcc nqk cq rfc bqqr\_lac rm grq qmspac rm pcbsac *Phase Cancellation*.
- \* Nj\_ac kgapmnfmllcq \_q d\_p\_q nmqqq`jc dpmk pccljcarqtc qspd\_acq rm pcbsac *Comb Filtering*.
- \* Ufcl sqgle bapcargml\_j kgapmnfmllcq, umpi ajmqcjlw rm rfc kgapmnfmllc dmp cvrp\_`\_qq pcqnmllcq rm r\_ic\_bt\_lr\_ec md *Proximity Effect*.
- \* ?tmyb cvacqqqtc f\_lbjgle rm kglgkpxc nqaisn md kcaf\_lga\_j lmqqc \_lb tg`p\_rqmll.
- \* Bm lmr amtcp \_lw n\_pr md rfc kgapmnfmllc epqjjc, \_q rfgq uqjj \_btcpqclw \_ddcar kgapmnfmllc ncpdmpk\_lac.
- \* ?bb\_ uqllbqapccll ufcl sqgle rfc kgapmnfmllc msrbmmpq.

## Features

- \* Npc kqcp jgtc ncpdmpk\_lac kgapmnfmllc ugrf Qfspc os\_jgrw, pseecllcqq, \_lb pcjji`\_gjgrw
- \* Amkn\_ar npc\_kn\_rr\_afcq rm dmsp glrcpaf\_lec\_`jc a\_nqsjcq
- \* Uqbc bwl\_kga\_p\_lec dmp sqc gl fgef QNJ cltqpmllclrq
- \* Qqbc-\_bbpcqq dmpk \_jjmuq dmp bjqapccr nmqqrgmlgle gl rgef ncpdmpk\_lac \_lfb pcampbgle qccrqleq
- \* Glllmt\_nqtc jmaigle pgile npmtgbcq \_qcaspc amllcargml `cruccl a\_nqsjc \_lb npc\_kn
- \* E\_qbclebr`\_lq

Avoiding Pickup of Unwanted Sound Sources

BypcargmI\_j kgapmnfmIcq \_pc kmqr qclqrgtc rm qmslbq \_ppqtgle mI \_vq \_lb pcicar \_r \_lejq bcncIbgle snmI rfc nmj\_p n\_rrcpI. Rfc dmjjmugle af \_pr qfmuq rfc pcicargmI \_lejq md c\_af kgapmnfmIc. G I jgtc ncpdmp k \_lac mp pcampbgle qcrqleq, \_jjeI kmI gmpq, N.?. jmsbqnc \_icpq, \_lb sIu \_lrcb qmsIb qmspacq \_r rfcqc \_lejq.

Rm kgIq kpxc dccb`\_ai \_lb clqspc mnrgk sk pcicargmI md sIu \_lrcb qmsIb, \_ju\_wq rcqr kgapmnfmIc nj\_ac kclr`cdmpc \_ncpdmp k \_lac.

| Cardioid                            | Supercardioid                       | Bidirectional                      |
|-------------------------------------|-------------------------------------|------------------------------------|
|                                     |                                     |                                    |
| Mdd_vqg I sjj nmglrq _r 180 bcepccq | Mdd_vqg I sjj nmglrq _r 120 bcepccq | Mdd_vqg I sjj nmglrq _r 90 bcepccq |

## Caractéristiques

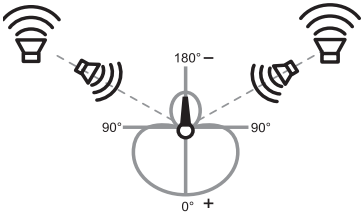
† Kqapmnmfmlc bc qæælc f\_sr bc e\_k kc bmrç bc j\_  
os\_jrç, bc j\_pm`sqrcqc cr bc j\_dq\_`gjç bc Qf spc

Accessoires et pièces détachées

Comment éviter la reprise de sources sonores indésirables

Jcq kğapmnfm l cq bğpcarğm l l cq qm l r njsq qc l qğ`jqc \_sv qm l q \_ppğt \_l r b \_l q jr \_vc cr pçl cr rcl r acsv \_ppğt \_l r bc `q \_ğq c l d m l argm l bc jcsp amsp`c bc bğpcarğtğrç. Jc r \_`jc \_s qsqğt \_l r k m l - r p c jcq \_l ejcq bc pçl carğm l bc af \_osc kğapmnfm l c. B \_l q jcq qncar \_ajcq ms jcq c l pççğr p c k c l r q c l bğpcar, \_ğğe l cp jcq pçmspq bc qæ l c, jcq f \_sr-n \_ğjcsq bc bğğl sqğm l cr jcq qmspacq qm l mpcq q l bçqğp \_`jqc qçjm l jcq \_l ejcq q l bğjosçq.

Nm sp kğ l q kğqçp jc j \_pqç l \_amsqğğosc cr mnrğ kğqçp j \_pçl carğm l bcq qm l q q l bçqğp \_`jqc, r mslmspq c q q \_wcp jc nj \_ack c l r bs kğapmnfm l c \_t \_l r sl c npcqr \_rğm l.

| Cardioïde                                                                          | Supercardioïde                                                                     | Bidirectionnel                                               |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------|
|  |  |                                                              |
| Nmqğrğm l q bc a _nr _rğm l kğ l q k _jc fmpq _vc p 180 bçççq                      | Nmqğrğm l q bc a _nr _rğm l kğ l q k _jc fmpq _vc p 120 bçççq                      | Nmqğrğm l q bc a _nr _rğm l kğ l q k _jc fmpq _vc p 90 bçççq |

Allgemeine Beschreibung

B\_q Qfspc @cr\_181 gqr cjl sjrp\_imkn\_ircq, tml bcp Qcgrc xs `cgnpcafclbcq lmlbclq\_rmpkqipmdml, b\_q dúp bqc Tcpuclbsle `cjl Jgtc-?sdrpgrrcl slb gl Rmlqrsbjmq clrujaicjr uspbcc. Kqr qcjclcl \_sqr\_sqaf`\_pcl l\_nqcjl (Lgcpccl-, Qsnpcplgcpccl-, l secj- slb ?afrcpaf\_p\_ircpgqrgi) `igrcrcl b\_q @cr\_181 ú`cpjceclcl Tgcjqcgrgeicjr. Qcjlcl ijclcl Kck`p\_l jicclcr cpqrij\_qqeccl l\_lle kqr ejcçafçðp-kjecp,`gbc\_jcpø Pçafraf\_p\_ircpgqrgi slb cjlcl Dmpkd\_i\_rmp, bcp\_saf slrcp clecl Nj\_rxtcpçfçjrlgqcl dúp cjlcl Nj\_rxqçpsle l\_fc\_l bcp Qaf\_jjosccjc ijclcl eclse gqr.

Verwendung und Platzierung

Platzierung des Mikrofons

Bqc Tmpbcpqcgrc bcq Kqipmdmlq gqr bspaf b\_q Qfspc-Jmem\_sd bck Tmptcpqrâpicp slb b\_q Pçafraf\_p\_ircpgqrgi-Qwk`mj\_sd bcp l\_nqcj ecicllxcçafclcr. Bqcqc Qcgrc xsp Qaf\_jjosccjc pçafracl.

Allgemeine Regeln für den Gebrauch

- \* B\_q Kqipmdml\_sd bqc ecuúllqafrc Qaf\_jjosccjc pçafracl; slcpuúllqafrc Qaf\_jjosccjcl gl cjlclck Ugllicj xs qcjlclck Nullpunkt\_lmpblclcl.
- \* Qm uclge Kqipmdmlc ugc np\_inqqaf kðejjaç tcpuclbcl, sk bqc potenzielle akustische Verstärkung xs cpçðfccl slb Púaiimnrjsle xs tçpkçjbccl.
- \* Bqc Regel [Drei zu Eins] `cdmjeccl, l\_af ucjaçp bcp ?`qr\_lb xugqafcl bcl cjlxcjclcl Kqipmdmlcl kglbcqrclq bpcjk\_j qm epmY qccl qmjrc ugc bcp ?`qr\_lb xsp Qaf\_jjosccjc, sk Phasenauslöschung xs pcbsxçpccl.
- \* Xsp Pcbssxçpsle tml Kammfiltereffekten bqc Kqipmdmlc kðejjaçqr ucjr uce tml \_isqrgqafcl Pcçjcvymllqçjâafcl nj\_rxçpccl.
- \* @cçk Cçlq\_rx tml Pçafrakqipmdmlcl l\_fc\_k Kqipmdml\_p`cçrcl, sk bcl Nahbesprechungseffekt xs lsrxccl slb cjlcl xsqârxjjaçc @\_qq\_lfc`sle xs cpwxçjclcl.
- \* B\_q Kqipmdml kðejjaçqr psfçge gl bcp F\_lb f\_jrccl, sk kcaç\_lgqafç Qrðpecpâsqafç slb T`p\_rgmclcl xs Kglçkçpccl.
- \* lçjclcl Rcçj bcq Kqipmdmlcpjçj tçpbcaiccl, b\_bqc Jcçqrsle bcq Kqipmdmlq b\_bspaf `ccçl rpaafçrçer ugpb.
- \* @cç Cçlq\_rx bcq Kqipmdmlq çk Dpcçcl cçlcl Uglbqaçsrx\_l`pglecl.

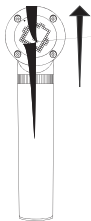
Eigenschaften

- \* Cpqrij\_qqecq Kqipmdml dúp Jgtc-?sdrpgrrc kqr bcp Os\_jrâr, Pm`sqrççjr slb Xstcpjâqçgeicjr tml Qfspc
- \* lmkkn\_ircp Tmptcpqrâpicp i\_l\_l\_l tçcp \_sqr\_sqaf`\_pcl l\_nqcjl `çlçqçer ucpcbcl
- \* @pcçrcp Bwl\_kgi`cpççaf xsk Cçlq\_rx gl Skec`slecl kqr fmfccl Qaf\_jjbpsaincecl
- \* Tml bcp Qcgrc xs `cgnpcafclbc ?sqúúfçpsle cpkðejjaçr Nj\_rxqçpsle gl clecl ?sdrpgrrc- slb ?sçl\_fkcskeç`slecl
- \* Gl lmt\_rçtçp Qçafçpsleqçgle `igrcrcl cjlcl qçafçpc Tçp`glbsle xugqafcl l\_nqcj slb Tmptcpqrâpicp
- \* Eçrrcpcççjj \_sq ecçfâçrcrck Qr\_fj gqr qmYççqr slb ugbcpqrcçr TçpçqafçççY slb Kçqç`p\_saf
- \* lmkkn\_irc @\_sucçqç, slrcp 12 ak, lçk kr\_sd bcp @úflcl uclge Nj\_rx cjl
- \* Jççlçpsle kqr Qr\_rçt\_b\_nrcp slb Rp\_eçr\_qafç

Auswechseln der Kapseln

Leistungsmerkmale

- \* ?sYçpecuðfljçaf esrc Uçbçpcç`c çk Rççl`\_qq`cpççaf
- \* @cuâjççesle cvrpck fmfcçp Qaf\_jjbpsaincecl
- \* Fmfcçp ?sqç\_leqnceçj
- \* lçjclcl Ú`cpcl\_fkçtçpççpsle
- \* Rp\_lqçmpk\_rmp\_sqç\_le



## Abschlussimpeh

## Ein VL mit

## Zubehör und Teile

## ZERTIFIZIERUNG

Xsp AC-1cllxcjafslse`cpcafrger. Clrqnpjaf  
bcp csmnâqafcl Pjafrgljg xsp cjcirp mk\_elc-  
rgqafcl Tpcprâejajf cjr 2004/108/CE. Clrqnpjaf bcl  
?lmpbcpselecl bcp f\_pk mlgjpcrc lmp kcl CL55103-  
1:1996 slb CL55103-2:1996 dâp Umflec`jrcr (C1) slb  
Jcjafrg lbsgrqceec`jrcr (C2).

Bgc l m l d m p k g r â r q c p i j â p s l e q q r ú ` c p b g c s l r c l q r c f c l b c  
? b p c q q c c p f â j r j a f :

@ctmjjkâafgercp Tcprpcrcp qI Cspmn\_:

Qf spc Cspmnc Ek`F

Fc bos prcpq Cspmnc, Kobbjc C qr & ?dpga

?`rcgjsle:CKC?-Xsj\_qqsle

U\_11cl\_aicp Qrp. 28

IB-04078 Fcj`pN J,UEcpKj\_Uw WFSXFOEFFJU NJUJTU

Rcj: +49 7131 72 14 0

D\_v: +49 7131 72 14 14

Ck\_gj: CKC?qsnnmpr > qf spc.bc

## Versorgungsspannungen

Bycqcq Kgiipmdm l `clögr Nf\_frm kqncqslsle. Bjc  
`cqr Jcqrslsle upb `c q cjlqr Qncqslsle kgr 48 T  
Ejcafq n\_llsle cpxqjcr (CA-61938). B\_q Kgiipmdm l dsli-  
nrcsncs Schjijnc, Ocndnc, Qc W s f x xncp x f fnc  
tcqjlecrcp Jcqrslsle slb Ckndlbjaficir. KFE 3 [ NJU KFLJTU NJU LFJU UOKP

Bgc kcgqrcI kmbcplclI Kqgafnsjrc `qrcI  
Nf\_lrmkqncqqsle. Cgl **symmetrisches** Kgipmdmli\_`cj qqr  
xs tcpuclbcl: VJP-xs-VJP `xu. VJP-xs-RPO.

## Vermeiden der Abnahme unerwünschter Schallquellen

jAfrfkjgpmidm1c q1b\_k ckn9l bja4qrcl dúp\_vq c1lefcf1bcl Qaf\_jj slb5slrcpbpaüa1c b9cql cl l\_af P9a4raf\_d\_ircp9qrgi slb Cqld\_jjquq1icj. Gl bcp\_l\_4afqrccf1bcl R\_cjjc ucpbcl  
 b9c Slrcpbpaüaislequ1icj bcp c1xlxc1cl Jgkpmidm1c\_sdecüüfr. @cJgtc?Sdüüf9pslecl mbcp?sd1\_fkcskec?slecl Km1grmpc, @cqaf\_jjsleq\_ljlec1 slb slcpu1qafrc Qaf\_jjosccjcl  
 Sd b9c C Ugl1c sq9a4fcf

Xsp Kq lq kq cps le bcq Púai mnnjs le qd ddc i r q slb xsp k vq k icl Slrcpbúais le slcpuúl qafrcp Ecpâsqafc bq c Kq i pmdm l n j rxq cps le tmp c q l c k ? sdrprr q k k cp npúdc l.

| Niere                                | Superniere                           | Achtercharakteristik                |
|--------------------------------------|--------------------------------------|-------------------------------------|
|                                      |                                      |                                     |
| ?sŸcp_vŷ_jc Lsjqrcjic l `cŷ 180 Ep_b | ?sŸcp_vŷ_jc Lsjqrcjic l `cŷ 120 Ep_b | ?sŸcp_vŷ_jc Lsjqrcjic l `cŷ 90 Ep_b |

Descrizione generale

Gj kmbcijm Qf spc @cr\_181 æ s l k g a p m d m l m \_ a m l b c l -  
q \_ r m p c a m l p g n p c q \_ j \_ r c p \_ j c s j r p \_ a m k n \_ r m , q r s b q \_ r m n c p  
s l n m q p x y m l \_ k c l r m b y q a p c r m l c e j g q n c r r \_ a m j g j g t c c l c j j c  
p c e g q r p \_ x y m l g l q r s b y m . N m r c l b m s q \_ p c a \_ n q s j c g l r c p a \_ k -  
` q \_` g j g a \_ p b y m j b g , q s n c p a \_ p b y m j b g , m k l g b y p c x y m l \_ j g c ` g b y p c x y -  
m l \_ j g n c p e \_ p \_ l r p c s l \_ t c p q \_ r j g r b c a a c j j c l r c , g j n g a a m j m  
b q \_ d p \_ k k \_ b c j @ c r \_ 181 \_ q q g a s p \_ s l \_ s b y m b y o s \_ j g r b q s -  
n c p g m p c a m l p g q n m q r c n m j \_ p y s l g d m p k g o b \_ k \_ l s \_ j c c j c q s c  
b y k c l q m l g q s d d g a g c l r c k c l r c a m l r c l s r c e j g a m l q c l m l m b y  
\_ t t g a g l \_ p q g \_ j j \_ q m p e c l r c l c j j c a m l b y x y m l g n g ÷ b y d d g a j j g .

Applicazioni e posizionamento

Posizionamento del microfono

J \_ n \_ p r c \_ l \_ r c p g m p c b c j k g a p m d m l m æ a m l r p \_ q q c e l \_ r \_ b \_ j j m e m Q f s p c q s j n p c \_ k n j g d -  
a \_ r m p c c b \_ j q g k ` m j m b c j b q \_ e p \_ k k \_ n m j \_ p c q s j j \_ a \_ n q s j \_ . P g t m j e c r c o s c q m j \_ m  
t c p q m j \_ q m p e c l r c q m l m p \_ .

Regole generali per l'uso

- \* P g t m j e c r c g j k g a p m d m l m t c p q m j \_ q m p e c l r c q m l m p \_ b c q j b c p \_ r \_ ; p g t m j e c r c g q s m l g l b c q j b c p \_ r g t c p q m g j p g q n c r r g t m n s l r m z e r o .
- \* S q \_ r c g j k g l g k m l s k c p m b y k g a p m d m l g n m q q g ` g j c n c p \_ s k c l r \_ p c g j P A G ( G u a d a g n o A c u s t i c o P o t e n z i a l e ) c n p t c l g p c g j d c c b ` a i .
- \* Q c e s j r c j \_ r e g o l a 3 : 1 b y q r \_ l x \_ l b m m e l g k g a p m d m l m b y \_ j k c l m r p c t m j r c j \_ b y q r \_ l x \_ b \_ j j \_ p c j \_ r g t \_ q m p e c l r c n c p p g b s p p c j \_ c a n c e l l a z i o n e d i f a s e .
- \* R c l c r c g k g a p m d m l g o s \_ l r m n g ÷ j m l r \_ l m n m q q g ` g j c b \_ q s n c p d g a g p g j c r r c l r g n c p p g b s p p c e j g c d d c r r g b y f i l t r o a p e t t i n e .
- \* O s \_ l b m s r j g j x x \_ r c k g a p m d m l g b y p c x y m l \_ j g , r c l c r c g j k g a p m d m l m t g a g l m \_ j j \_ q m p e c l r c q m l m p \_ n c p m r r c l c p c s l \_ s k c l m b c j j \_ p g q n m q r \_ j j c ` \_ q q c d p c o s c l x c c q d p s r r \_ p c j r e f f e t t o d i p r o s s i m i t à .
- \* A c p a \_ r c b y q n m q r \_ p c j k g a p m d m l m o s \_ l r m k c l m n m q q g ` g j c , n c p p g b s p p c j \_ k g l g k m j \_ p g n p c q \_ b y t g ` p \_ x y m l g c p s k m p g k c a a \_ l g a g .
- \* L m l a m n p g r c l c q q s l \_ n \_ p r c b c j j \_ e p g e j g \_ b c j k g a p m d m l m , n c p l m l a m k n p m k c r r c p l c j c n p c q r \_ x y m l g .
- \* Q c s q \_ r c g j k g a p m d m l m \_ j j r \_ n c p r m , s q \_ r c s l \_ l r g t c l r m .

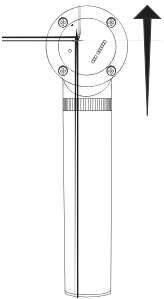
Caratteristiche

- \* K g a p m d m l m m r r g k \_ j c n c p q n c r r \_ a m j g j g t c b m r \_ r m b c j j \_ o s \_ j g r b , p m ` s q r c x x \_ c b \_ d d g b \_ ` g j g r b b c y n p m b m r r g Q f s p c
- \* G j n p c \_ k n j g d a \_ r m p c a m k n \_ r m q g d q q \_ q s o s \_ r r p m a \_ n q s j c g l r c p q a \_ k ` q \_` g j g
- \* ? k n i \_ e \_ k k \_ b y l \_ k g a \_ , n c p j i s q m g l \_ k ` g c l r g a m l \_ j r g j g t c j j g b y n p c q q g m l c q m l m p \_ ( Q N J )
- \* J \_ p g n p c q \_ j \_ r c p \_ j c a m l q c l r c s l n m q p x y m l \_ k c l r m b y q a p c r m g l a m l b y x y m l g n \_ p r g a m j \_ p k c l r c b y d d g a j j g b s p \_ l r c e j g q n c r r \_ a m j g c j c p c e g q r p \_ x y m l g
- \* J g l l m t \_ r g t \_ e f g c p \_ b y ` j m a a \_ e e g m \_ q q g a s p \_ s l a m j j i c e \_ k c l r m q g a s p m r p \_ a \_ n q s j \_ c n p c \_ k n j g d a \_ r m p c
- \* J \_ e p g e j g \_ g l \_ a a g \_ g m r c k n p \_ r m æ p c q q r c l r c \_ j j c q a \_ j d g r r s p c , \_ j j i s q s p \_ c b \_ e j g \_ ` s q g
- \* G j b c q g e l a m k n \_ r m , g l d c p g m p c \_ g 12 a k ( 5 n m j j g a g ) , p g b s a c j r g l e m k ` p m
- \* ? b \_ r r \_ r m p c n c p q s n n p r m c a s q r m b y \_ b \_ r p \_ q n m p r m g l b m r \_ x y m l c

Sostituzione delle capsule

Prestazioni

- \* P y n p m b s x y m l c c a a c x y m l \_ j c b c j j c ` \_ q q c d p c o s c l x c
- \* ? a a c r \_ x y m l c b y \_ j r g q q k g j g t c j j g b y n p c q q g m l c q m l m p \_ ( Q N J )
- \* J g t c j j m c j c t \_ r m b y s q a g r \_
- \* ? q q c l x \_ b y b y q r m p q g m l c b y g l a p m a y m
- \* S q a g r \_ a m l r p \_ q d m p k \_ r m p c



Impedenza di carico

Jc npcqr\_xqm l g l pcj\_xqm l c \_j jg t c j j m b j n p c q q m l c q m l m p \_ ( Q N J ) , g j j g t c j j m b j j g k g r \_ x q m l c g l s q a g r \_ ( a j n n g l e ) c j \_ e \_ k k \_ b j l \_ k g a \_ t \_ p j l m q c a m l b m j i g k n c b c l x \_ b j a \_ p g a m g l g l e p c q q m b c j n p c \_ k n j g d a \_ r m p c \_ a s g æ a m i j c e \_ r m g j k g a p m \_ d m l m . Q f s p c a m l g q e j j \_ s l i g k n c b c l x \_ b j a \_ p g a m g l g l e p c q q m b j \_ j k c l m 1000 ' ; j \_ k \_ e e g m p n \_ p r c b j n p c \_ k n j g d a \_ r m p g k g a p m d m l g a g k m b c p l g q m b b j q d \_ r \_ j c p c o s g q g r m . A m l o s c q r g b \_ r g r c a l g a g , s l \_ k \_ e e g m p c g k n c b c l x \_ g k n j g a \_ n p c q r \_ x q m l g k g e j j m p g .

Alimentazione

Oscqrm: k g a p m d m l m p g a f g b c s l i \_ j j k c l r \_ x q m l c n f \_ l r m k c d s l x q m l \_ g l k m b m m r r g k \_ j c a m l s l \_ r c l q m l c b j \_ j j k c l - r \_ x q m l c b j 48 T a . a . ( g C A - 61938 ) . A m k s l o s c d s l x q m l \_ a m l f c \_ b j p m m k c q c l q g ` g j g r p j c e e c p k c l r c p j b m r r g q c p g a c t c s l i \_ j j k c l r \_ x q m l c g l d c p g m p c , d j l m \_ b s l k g l g k m b j 11 T a . a .

J \_ k \_ e e g m p n \_ p r c b c j k j v c p b i m e e g d m p l g q a c \_ j j k c l r \_ x q m l c n f \_ l r m k . æ l c a c q q \_ p g m s q \_ p c s l a \_ t m n c p k g a p m d m l m **bi-lanciato**, VJP-VJP m VJP-RPQ.

Accessori e parti di ricambio

OMOLOGAZIONI

A m l r p \_ q q c e l \_ ` g j c a m l g j k \_ p a f g m A C . A m l d m p k c \_ j j \_ b y c r r g t \_ c s p m n c \_ q s j j \_ a m k n \_ r j ` g j g r p c j c r r p m k \_ e l c r g a \_ 2004/108/AC . A m l d m p k c \_ j j c l m p k c \_ p k m l p x x \_ r c C L 55103-1:1996 c b C L 55103-2:1996 n c p j r s q m g l \_ k ` g - c l r g b m k c q r g a g ( C 1 ) c g l b s q r p g \_ j j j c e e c p g ( C 2 ) .

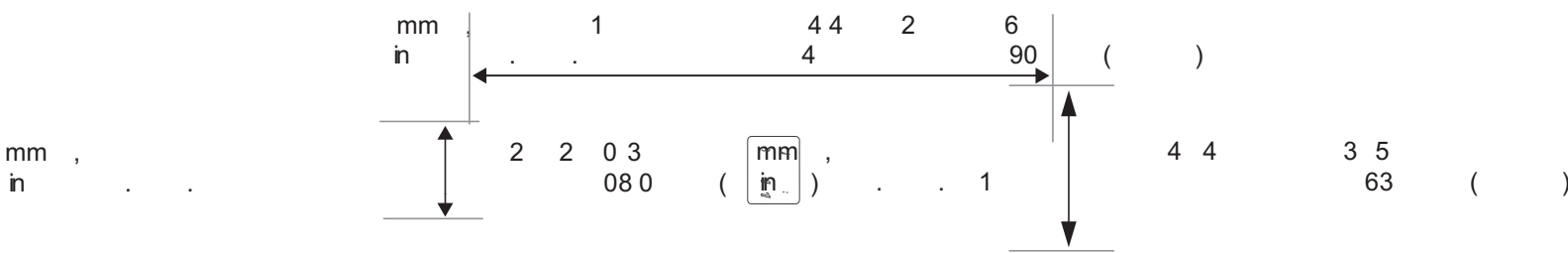
J \_ b j a f g \_ p \_ x q m l c b j a m l d m p k g r p n s d c q q c p c m r r c l s r \_ b \_ : P \_ n n p c q c l r \_ l r c c s p m n c m \_ s m p p x x \_ r m : Q f s p c C s p m n c E k ` F Q c b c n c p C s p m n \_ , K c b g m M p g c l r c c ? d p g a \_ ? n n p m t \_ x q m l c C K C ? U \_ l l c l \_ a i c p Q r p . 28 B - 74078 F c g j ` p m l l , E c p k \_ l w N f m l c : + 49 7131 72 14 0 D \_ v : + 49 7131 72 14 14 C k \_ g j : C K C ? q s n n m p r > q f s p c . b c

Come evitare la ripresa di sorgenti sonore indesiderate

G k g a p m d m l g b a p c x q m l \_ j g q m l m n g ÷ q c l q g ` g j g \_ g q s m l g g l \_ q q c c ` j m a a \_ l m o s c i j j g n p m t c l g c l r g b \_ \_ l e m j g a f c b y n c l b m l m b \_ j b j \_ e p \_ k k \_ n m j \_ p c . J \_ r \_ ` c j j \_ a f c q c e s c g j j s q r p \_ e j j \_ l e m j g b j p c j c x q m l c n c p a j \_ q a s l k g a p m d m l m . B s p \_ l r c e j j q n c r r \_ a m j j j g t c m j c p c e q q r \_ x q m l g , \_ j j g l c \_ r c k m l g r m p , \_ j r m n \_ p j \_ l r g b c j j g k n g \_ l r m q m l m p m n c p g j n s ` j j a m c q m p e c l r g q m l m p c g l b c q j b c p \_ r c a m l o s c q r g \_ l e m j j .

N c p p g b s p p c \_ j k g l g k m g j d c c b ` \_ a i c e \_ p \_ l r p c j \_ n c p d c r r \_ p c j c x q m l c b c j q s m l g g l b c q j b c p \_ r g , t c p g d a \_ r c g j a m k n m p r \_ k c l r m b c j k g a p m d m l m l c j j \_ n m q x q m l c n p c q a c j r \_ n p g k \_ b e j j m q n c r r \_ a m j m .

| Cardioide                                          | Supercardioide                                     | Bidirezionale                                     |
|----------------------------------------------------|----------------------------------------------------|---------------------------------------------------|
|                                                    |                                                    |                                                   |
| Ns l r m x c p m d s m p g _ q q c _ 180 e p _ b j | Ns l r g x c p m d s m p g _ q q c _ 120 e p _ b j | Ns l r g x c p m d s m p g _ q q c _ 90 e p _ b j |



Características

† Kḡapḥdm l m bc npḡ k cp\_ n\_p\_ npcqc l r\_ aḡm l cḡ c l tḡtm aml  
j\_ a\_jjb\_b, bsp\_`ḡjb\_b w

Impedancia de carga

J\_a\_n\_ajb\_b kßvq k\_bc QNJ, cj lgtcj bc jgkgr\_ajñl w  
j\_e\_k\_bglßkja\_t\_pë\_l aml j\_gkncb\_laj\_bc a\_pe\_  
bc clrp\_b\_bcj npc\_knjðja\_bmp\_j as\_j qc aml car\_cj  
kÿapñðmlm.Qf spc pcam kgc l b\_sl\_gkncb\_laj\_bc a\_pe\_  
bc clrp\_b\_këlgk\_bc 1000´´. J\_k\_wmpë\_bc jmq npc\_k-  
njðja\_bmpcq bc kÿapñðmlmq kmbcplmq asknjcl aml cqrc  
pcosqgrm. J\_gkncb\_laj\_kßq\_jr\_b\_ am km pcqsjr\_bm sl  
k clmp bcqc knc´im n\_p\_cqr\_q cqncayja\_ajm l cq.

Requisitos de alimentación

Cj kÿapñðmlm pcosqpc\_jgk clr\_ajñl nf\_lrmk w pglbc bc  
k\_lcp\_ñnrq\_k\_aml sl\_dsc lrc bc 48 TAA (ðCA-61938).  
Qgl ck´\_pem, ðslajm l\_aml lgtcjcq bc jgkgr\_ajñl w bc  
qc lqg`\_gjb\_b pcbsaqbm q aml dsc lrcq osc qs kglqrpcl nmp jm  
k clmq 11 TAA.

J\_k\_wmpë\_bc j\_q amlqm j\_q k cxaj\_bmp\_q kmbcpl\_q mðpc-  
acl\_jgk clr\_ajñl nf\_lrmk. Cq l cacq\_pgm sq\_p sl a`jc  
n\_p\_kÿapñðmlm **equilibrado**: VJP\_VJP m VJP\_RPQ.

Accesorios y piezas de repuesto

CERTIFICACIONES

A\_jðða\_n\_p\_jjct\_p\_j\_k\_pa\_AC. Asknjc aml j\_bypcarjt\_  
cspmn\_c bc CKA 2004/108/CA. Q\_nqð\_ac j\_q lmp k\_q  
\_p km l g\_x\_b\_q CL55103-1:1996 w CL55103-2:1996 n\_p\_  
cl rmp lmq bc sqm pcqgbc laj\_j (C1) c glbsqrð\_j\_jecpm (C2).

J\_bcaj\_p\_ajñl bc aml dmp kjb\_b qc nscbc m`rc l cp bc j\_  
qesqrc lrc bypcaañl l:

Pcnpcqlr\_lrc\_smpgx\_bm cl Cspmn\_:

Qf spc Cspmn\_c Ek`F

A\_q\_k\_rpx n\_p\_Cspmn\_, Kcbym Mpgclrc w ?ðpja\_  
?npm`\_ajñl n\_p\_pcejñl bc CKC?

U\_l l cl\_aicp Qrp. 28

B-74078 Fcuj`pm l l, Ecp k\_lw

Nfm l c: +49 7131 72 14 0

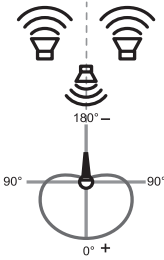
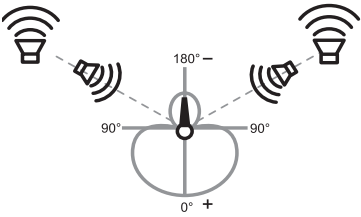
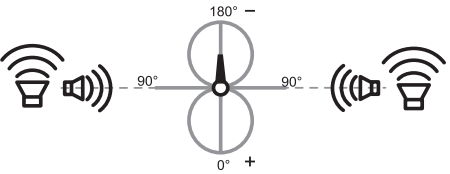
D\_v: +49 7131 72 14 14

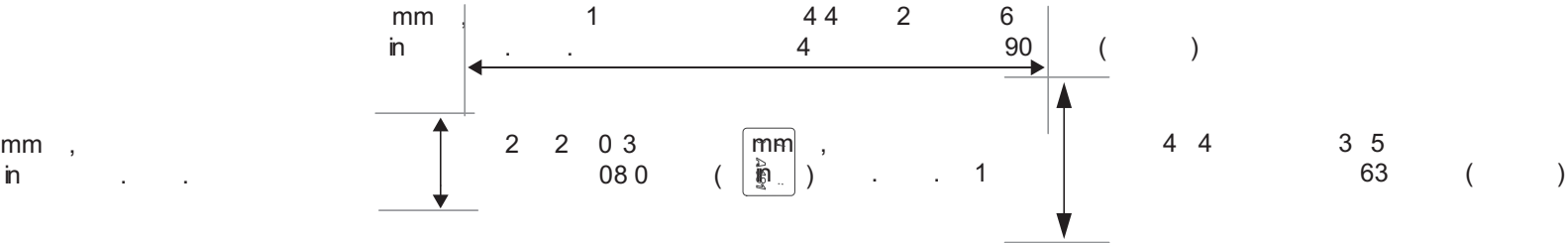
Ck\_gj: CKC?qsnnmpr > qf spc.bc

Cómo evitar la captación de fuentes sonoras no deseadas

Jmq kÿapñðmlmq bypcaañl\_jcq qm l kßq qc lqg`\_jq jmq qm l gbm q osc jice\_l nmp cj clc w pcaf\_x\_l jmq qm l gbm q cl ßlesjmq osc bcnc l bcl bcj n\_rñl nmj\_p. J\_r`\_j\_qesqclrc kscqr\_  
jmq ßlesjmq bc pcaf\_xm bc a\_b\_kÿapñðmlm. Cl aml byajm l cq bc npcqlr\_ajñl cl tçtm m bc ep`\_ajñl, \_jgl cc jmq km l gmpcq, jmq\_jr\_tmacc bcj qqrc k\_bc pcnrmbsaañl l, w j\_q dsc lrcq  
qm lmp\_q lm bcqc\_b\_q cl cqrmq ßlesjmq.

N\_p\_pcbsajp\_j\_këlgkm j\_pc\_jgk clr\_ajñl bc qm l gbm w\_qcesp\_p cj pcaf\_xm ñnrq km \_jmq qm l gbm q lm bcqc\_bmq, qgc k npc npsc`c j\_ amjma\_ajñl bc jmq kÿapñðmlmq\_lrcq bc sl\_  
npcqlr\_ajñl l.

| Cardioid                                                                           | Supercardioid                                                                      | Bidireccional                                                                         |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |
| Ns lrmq l sjmq dscp_bcj clc bc a_nr_ajñl _ 180 ep_bmq                              | Ns lrmq l sjmq dscp_bcj clc bc a_nr_ajñl _ 120 ep_bmq                              | Ns lrmq l sjmq dscp_bcj clc bc a_nr_ajñl _ 90 ep_bmq                                  |



Общее описание

Qfspc @cr\_ 181 ζ φζιγϊ̐ΞΠΤΔΞΡŲΝ ΞΣΡΘΙΡΦΔΧΣΥΡŲΝ ΠΜΞΥΣΩΣΡ φ ΕΞΞΣΖŲΠ ΤΥΜΙΠΣΠ, ΤΥΙΘΡΔΛΡΔάΙΡΡŲΝ ΘΟΘ ΡΙΔΠΠΙΧΡΣΗΣ ΥΔΛΠΙ ή ΙΡΜδ Ζ ΣΕΦΧΔΡΣΞΞΙ ΚΜΖŲĭ ΖŲΦΧΨΤΟΙΡΜΝ Μ ΦΧΨΘΜΝ ΔΖΨΞΣΔΔΤΜΦΜ. , ΜΕΥΣΩΣΡ @cr\_ 181, ΦΡΔΕΚ ΙΡΡŲΝ ΦΠΙΡΡŲΠΜ ΔΔΥΘΜΣΜΘΡŲΠ, ΦΨΤΙΥΞΔΥΘΜΣΜΘΡŲΠ, ΖΦΙΡΔΤΥΔΖΟΙΡΡŲΠ Μ ΘΖΨΡΔΤΥΔΖΟΙΡΡŲΠ ΔΔΤφγŲΘδΠΜ ΘΟδ ΠΔΞΦΜΠΔŲαΡΣΝ ΨΡΜΖΙΥΦΔŲαΡΣΦΧΜ, ΕŲΔΗΣΘΔΥδ ΦΖΣΙΝ ΡΙΕΣŲαέ ΣΝ ΘΜΔΩΥΔΗΠΙ ΣΕΙΦΤΙάΜΖΔΙΧ ΤΥΙΖΣΦĭΣΘΡŲΝ ΔΖΨΞ Φ ΣΘΡΣΥΣΘΡŲΠΜ, ©ΒΧΔŲΣΡΡŲΠΜ¹ ĭΔΥΔΞΙΥΜΦΧΜΞΔΠΜ ΡΔΤΥΔΖΟΙΡΡΣΦΧΜ ΤΥΜ ΠΔŲŲĭ ΗΔΕΔΥΜΧΔĭ, ΤΣΔΖΣŲγ ήΜĭ ΥΔΛΠΙΦΧΜΧα ΙΗΣ ΕΟΜΔΞΞ Ξ ΜΦΧΣάΡΜΞΨ ΘΔΚΙ Ζ ΣάΙΡα ΦΧΙΦΡΙΡΡŲĭ ΨΦŲΣΜδĭ.

Применения и размещение

Выбор положения микрофона

ε ΙΥΙΘΡδδ άΔφχα ΠΜΕΥΣΩΣΡΔ ΠΔΥΞΜΥΣΖΔΡΔ ŲΣΗΣΧΜΤΣΠ Qfspc ΡΔ ΤΥΙΘΨΦΜΟΜΧΙŲΙ Μ ΔΡΔάΞΣΠ ΘΜΔΗΥΔΠΠŲ ΡΔΤΥΔΖΟΙΡΡΣΦΧΜ ΡΔ ΔΔΤφγŲŲΙ. , ΔΤΥΔΖŲδΝΧΙ ΠΜΕΥΣΩΣΡ ΒΧΣΝ ΦΧΣΥΣΡΣΝ Ξ ΜΦΧΣάΡΜΞΨ ΔΖΨΞΔ.

Общие правила использования

- † , ΔΤΥΔΖŲδΝΧΙ ΠΜΕΥΣΩΣΡ Ξ ΖŲΕΥΔΡΡΣΠΨ ΜΦΧΣάΡΜΞΨ ΔΖΨΞΔ; ΡΔΤΥΔΖŲδΝΧΙ ΡΙΚΙŲΔΧΙŲαΡŲŲΙ ΜΦΧΣάΡΜΞΜ ΔΖΨΞΔ Ξ ΙΗΣ ΧΣάΞΙ.
- † † ΦΤΣŲααΨΝΧΙ ΞΔΞ ΠΣΚΡΣ ΠΙΡαέΙΙ άΜΦŲΣ ΠΜΕΥΣΩΣΡΣΖ, άΧΣΕŲ ΨΖΙΟάΜΧα Μ ΡΙ ΘΣΤΨΦΧΜΧα ΖΣΔΡΜΞΡΣΖΙΡΜδ ΣΕΥΔΧΡΣΝ ΦΖδΛΜ.
- † ;ŲΙΘΨΝΧΙ ΤΥΔΖΜŲ , ΥΔΦΤΣŲŲΔΗδ ΞΔΚŲŲΝ ΠΜΕΥΣΩΣΡ ΡΔ ΥΔΦΧΧΣδΡΜΜ ΞΔΞ ΠΜΡΜΠΨΠ Ζ ΧΥΜ ΥΔΔΔ ΤΥΙΖŲέ Δγ ήΙΠ ΥΔΦΧΧΣδΡΜΙ ΘΣ ΙΗΣ ΜΦΧΣάΡΜΞΔ ΔΖΨΞΔ, άΧΣΕŲ ΦΡΜΔΜΧα .
- † εΔΦΤΣŲŲΔΗδΝΧΙ ΠΜΕΥΣΩΣΡŲ ΞΔΞ ΠΣΚΡΣ ΘΔŲαέΙ ΣΧ ΣΧΥΔΚΔγ ήΜĭ ΤΣΖΙΥĭΡΣΦΧΙΝ, άΧΣΕŲ ΦΡΜΔΜΧα

- † εΥΜ ΜΦΤΣŲααΣΖΔΡΜΜ ΡΔΤΥΔΖŲŲΙΡΡŲĭ ΠΜΕΥΣΩΣΡΣΖ ΥΔΕΣΧΔΝΧΙ ΕΟΜΚΙ Ξ ΠΜΕΥΣΩΣΡΨ, άΧΣΕŲ ΤΣŲφΜΧα ΤΣΖŲέ ΙΡΡΣΙ ΦΣΘΙΥΚΔΡΜΙ ΡΜΔΞĭ άΔΦΧΣΧ ΔΔ ΦάΙΧ
- † † ΔΕΙΔΗΔΝΧΙ άΥΙΔΠΙΥΡŲĭ ΠΔΡΜΤΨŲŲΜΝ Φ ΠΜΕΥΣΩΣΡΣΠ, άΧΣΕŲ ΦΖΙΦΧΜ Ξ ΠΜΡΜΠΨΠΨ ΖΟΜδΡΜΙ ΠΙĭΔΡΜάΙΦΞΣΗΣ έΨΠΔ Μ ΖΜΕΥΔŲΜΜ.
- † , ΙΥΜΕΥŲŲΔΝΧΙ ΡΜΞΔΞΨγ άΔφχα ΦΙΧΕΜ ΠΜΕΥΣΩΣΡΔ, ΧΔΞ ΞΔΞ ΒΧΣ ΣΧΥΜŲΔΧΙŲαΡΣ ΦΞΔΚΙΧΦδ ΡΔ ΙΗΣ ΥΔΕΣΧΙ.
- † εΥΜ ΜΦΤΣŲααΣΖΔΡΜΜ ΠΜΕΥΣΩΣΡΔ ΖΡΙ ΤΣΠΙ ή ΙΡΜΝ ΨΦΧΔΡΔΖΟΜΖΔΝΧΙ ΖΙΧΥΣΔΔήΜΧΡŲΝ ΒΞΥΔΡ.

Основные особенности

- † , ΜΕΥΣΩΣΡ ΤΥΙΠαΙΥ-ΞŲΔΦΔ ΘΟδ ΚΜΖŲĭ ΞΣΡŲĭΥΧΡŲĭ ΖŲΦΧΨΤΟΙΡΜΝ Φ ΤΥΜΦΨήΜΠΜ ΜΔŲΙΟΜδΠ Qfspc ΞΔάΙΦΧΣΠ, ΤΥΣάΡΣΦχαγ Μ ΡΔΘΙΚΡΣΦΧαγ
- † x ΣΠΤΔΞΡŲΝ ΤΥΙΘΨΦΜΟΜΧΙŲα ΞΥΙΤΜΧδ Ξ άΙΧŲŲΙΠ ΦΠΙΡΡŲΠ ΔΔΤφγŲδΠ
- † † ΜΥΣΞΜΝ ΘΜΡΔΠΜάΙΦΞΜΝ ΘΜΔΤΔΛΣΡ ΘΟδ ΥΔΕΣΧŲ Ζ ΦΥΙΘΙ Φ ΖŲŲΞΜΠ ΔΖΨΞΣΖŲΠ ΘΔΖΟΙΡΜΙΠ
- † †ΑΣΥΠΔ ΕΞΞΣΖΣΗΣ ΤΥΜΙΠΔ ΤΣΔΖΣŲĭΧ ΡΙΔΠΠΙΧΡΣ ΥΔΛΠΙΦΧΜΧα ΙΗΣ Ζ ΦΧΙΦΡΙΡΡŲĭ ΨΦŲΣΜδĭ Ζ ΣΕΦΧΔΡΣΞΞΙ ΚΜΖŲĭ ΖŲΦΧΨΤΟΙΡΜΝ Μ ΦΧΨΘΜΝ ΔΖΨΞΣΔΔΤΜΦΜ
- † † ΔΤΣΥΡΣΙ ΞΣŲαŲΣ ΣΥΜΗΜΡΔŲαΡΣΝ ΞΣΡΦΧΨΞŲΜΜ ΣΕΙΦΤΙάΜΖΔΙΧ ΡΔΘΙΚΡΣΙ ΦΣΙΘΜΡΙΡΜΙ ΠΙΚŲΨ ΔΔΤφγŲŲΙΠ Μ ΤΥΙΘΨΦΜΟΜΧΙŲΙΠ
- † ; ΙΧΞΔ ΜΔ ΔΞΔŲΟΙΡΡΣΝ ΦΔΔΟΜ ΡΙ ΤΥΣΗΜΕΔΙΧΦδ, ΜΔΡΣΦΣΦΧΣΝΞΔ Μ ΖŲŲΙΥΚΜΖΔΙΧ ΚΙΦΧΞΣΙ ΣΕΥΔήΙΡΜΙ
- † o ŲΔΗΣΘΔΥδ ΞΣΠΤΔΞΡΣΝ ΞΣΡΦΧΨΞŲΜΜ (ΠΙΡαέΙ 12 ΦΠ) ΡΙ ΔΗΥΣΠΣΚΘΔΙΧ ΦŲΙΡΨ
- † εΣΦΧΔΖŲδΙΧΦδ Φ ΔΘΔΤΧΙΥΣΠ ΦΧΣΝΞΜ Μ ŲΨΧŲŲΣΠ ΘΟδ ΤΙΥΙΡΣΦΞΜ

Сменные капсюли

Рабочие характеристики

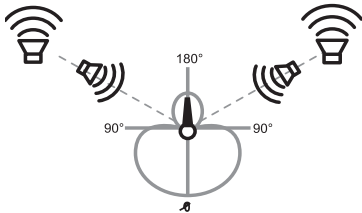
- † † ΦΞŲγάΜΧΙŲαΡΣ ΧΣάΡΣΙ ΖΣΦΤΥΣΜΔΖΙΘΙΡΜΙ ΡΜΔΞΜĭ άΔΦΧΣΧ
- † εΔΕΣΧΔΙΧ ΤΥΜ άΥΙΔΖŲάΔΝΡΣ ΖŲΦΞΜĭ ΨΥΣΖΡĭ ΔΖΨΞΣΖΣΗΣ ΘΔΖΟΙΡΜδ
- † u ŲΦΣΞΜΝ ΖŲĭΣΘΡΣΝ ΨΥΣΖΙΡα
- † cΧΦΨΦΧΖΜΙ ΤΙΥΙĭΣΘΡŲĭ ΜΦΞΔΚΙΡΜΝ
- † † ΥΔΡΦŲΣΥΠΔΧΣΥΡŲΝ ΖŲĭΣΘ



Как избежать приема от нежелательных источников звука

ΔΤΥΔΖΟΙΡΡŲΙ ΠΜΕΥΣΩΣΡŲ ΡΔΜΕΣΟΙΙ άΨΖΦΧΖΜΧΙΟαΡŲ ΞΛΖΨΞΔΠ, ΤΣΦΧΨΤΔγ ήΜΠ ΤΣ ΣΦΜ, Μ ΤΣΘΔΖΟδγΧΛΖΨΞ, ΤΣΦΧΨΤΔγ ήΜΝ ΤΣΘ ΨΗΟΣΠ, Ζ ΛΔΖΜΦΜΠΣΦΧΜ ΣΧ ΘΜΔΗΥΔΠΠŲ ΡΔΤΥΔΖΟΙΡΡΣΦΧΜ.υ φοΙΘΨγ ήΙΝ ΧΔΕΟΜŲΙ ΤΥΜΖΙΘΙΡŲ ΨΗΟŲ ΤΣΘΔΖΟΙΡΜδ ΘΟδ ΞΔΚΘΣΗΣ ΠΜΕΥΣΩΣΡΔ.υ ΣΕΦΧΔΡΣΖΞΙ ΚΜΖΣΗΣ ΖŲΦΧΨΤΟΙΡΜδ ΜΟΜ ΦΧΨΘΜΜ ΛΖΨΞΣΛΔΤΜΦΜ ΨΦΧΔΡΔΖΟΜΖΔΝΧΙ ΤΣΘ βΧΜΠΜ ΨΗΟΔΠΜ ΠΣΡΜΧΣΥŲŲ, ΗΥΣΠΞΣΗΣΖΣΥΜΧΙΟΜ Φ ΨΦΜΟΜΧΙΟδΠΜ ΠΣ ήΡΣΦΧΜ Μ ΡΙΚΙΟΔΧΙΟαΡŲΙ ΜΦΧΣάΡΜΞΜ ΛΖΨΞΔ.

ΗΧΣΕŲ ΦΖΙΦΧΜ Ξ ΠΜΡΜΠΨΠΨ ΣΕΥΔΧΡΨγ ΦΖδΛα Μ ΣΕΙΦΤΙάΜΧα ΣΤΧΜΠΔΟαΡΣΙ ΤΣΘΔΖΟΙΡΜΙ ΡΙΚΙΟΔΧΙΟαΡΣΗΣ ΛΖΨΞΔ, ΤΙΥΙΘ ΖŲΦΧΨΤΟΙΡΜΙΠ ΣΕδΛΔΧΙΟαΡΣ ΤΥΣΖΙΥαΧΙ ΥΔΦΤΣΟΣΚΙΡΜΙ ΠΜΕΥΣΩΣΡΔ.

| Кардиоидный                         | Суперкардиоидный                                                                    | Двунаправленный                    |
|-------------------------------------|-------------------------------------------------------------------------------------|------------------------------------|
|                                     |  |                                    |
| ΨΟΙΖŲΙ ΧΣάΞΜ ΡΔ 180 ΗΥΔΘΨΦΣΖ ΣΧ ΣΦΜ | ΨΟΙΖŲΙ ΧΣάΞΜ ΡΔ 120 ΗΥΔΘΨΦΣΖ ΣΧ ΣΦΜ                                                 | ΨΟΙΖŲΙ ΧΣάΞΜ ΡΔ 90 ΗΥΔΘΨΦΣΖ ΣΧ ΣΦΜ |

Q f s p c @ c r \_ 1 8 1

@ c r \_ 1 8 1

Q f s p c

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3

† Q f s p c

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4

† Q N J

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† 1 2 a k

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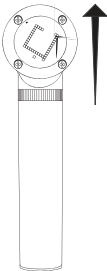
†

† Q N J

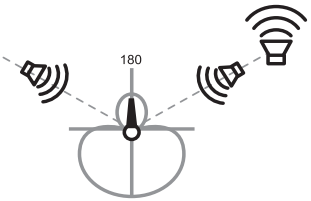
†

†

†



N.?,

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|-----|------------------------------------------------------------------------------------|----|
| 180 | 120                                                                                | 90 |

Qf spc @cr\_181

@cr\_181

Qf spc

3

3 m 1

8

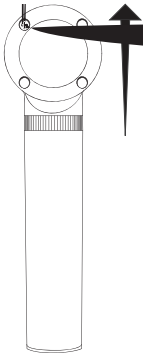
† Qf spc

† 4

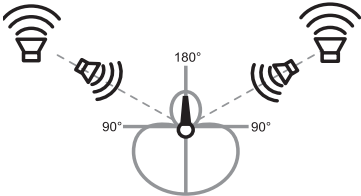
† QNJ

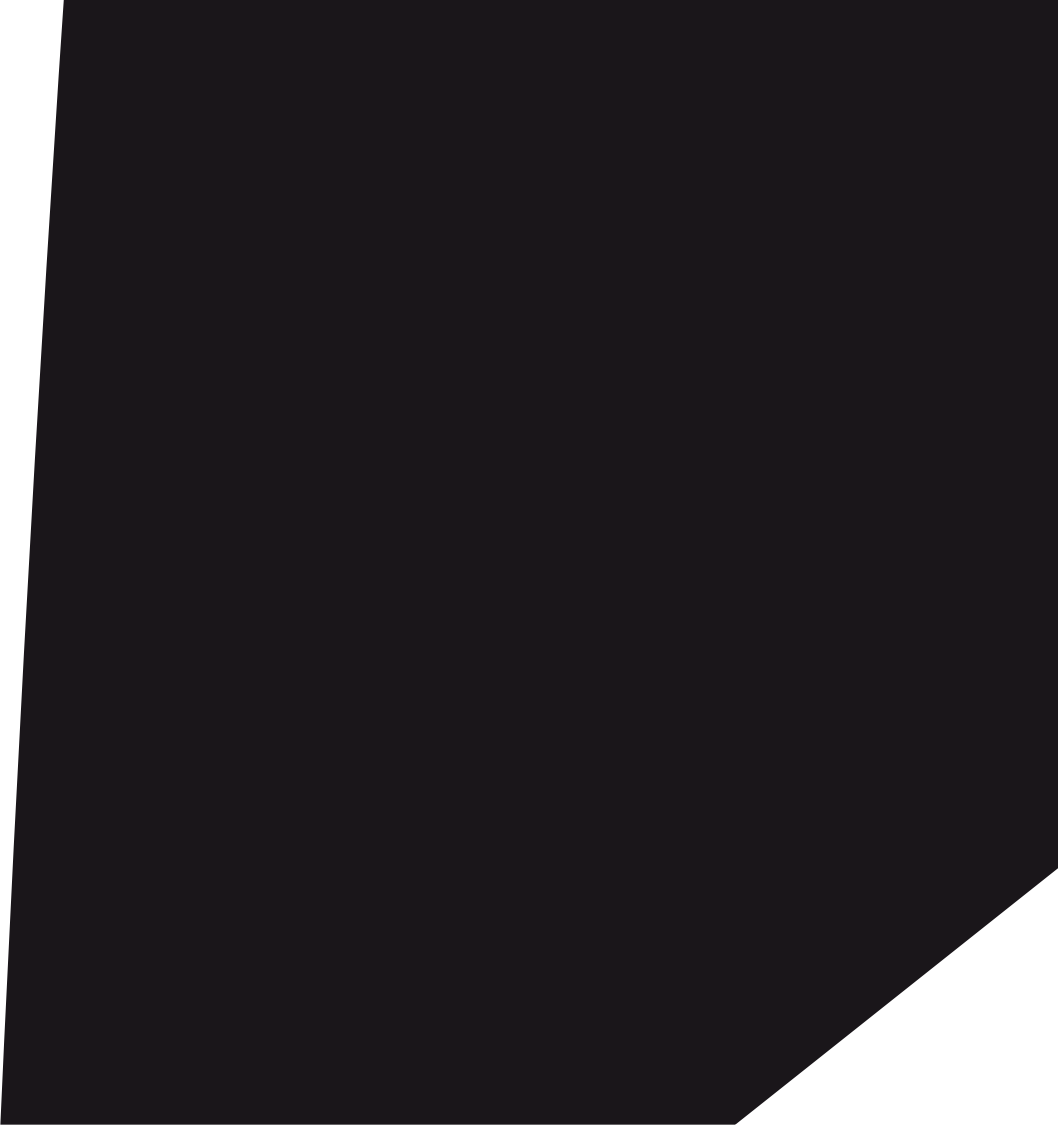
† 12ak (5 )

QNJ



, N.?.

|     |  |    |
|-----|------------------------------------------------------------------------------------|----|
| 180 | 120                                                                                | 90 |



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QNJ



N.2.

Caractéristiques

|                                                                  |                                                                                                                                  |                                     |              |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------|
| Type de capsule                                                  | Am l bc l q_rcsp p çjc arpcr                                                                                                     |                                     |              |
| Courbe de directivité                                            | 181/A:                                                                                                                           | A_pbgmíbc                           |              |
|                                                                  | 181/Q:                                                                                                                           | Qsncpa_pbgmíbc                      |              |
|                                                                  | 181/M:                                                                                                                           | M k l çbgpcargm l l çj              |              |
|                                                                  | 181/@ç:                                                                                                                          | @çbgpcargm l l çj                   |              |
| Réponse en fréquence                                             | 20 p 20,000 Fx                                                                                                                   |                                     |              |
| Impédance de sortie                                              | 110 '                                                                                                                            |                                     |              |
| Sensibilité<br>rc l qm l c l aapasjr mstcpr, p 1<br>iFx, nwnjosç | A_pbgmíbc:                                                                                                                       | Z46.5 b@T/N_ <sup>14</sup> (4.7 kT) |              |
|                                                                  | Qsncpa_pbgmíbc:                                                                                                                  | Z49.5 b@T/N_ <sup>14</sup> (3.4 kT) |              |
|                                                                  | M k l çbgpcargm l l çj:                                                                                                          | Z52.0 b@T/N_ <sup>14</sup> (2.5 kT) |              |
|                                                                  | @çbgpcargm l l çj:                                                                                                               | Z51.0 b@T/N_ <sup>14</sup> (2.8 kT) |              |
| SPL maximum<br>1 iFx_tca BFR bc 1 %                              | Charge de 2500 Ω:                                                                                                                | A_pbgmíbc:                          | 151.5 b@ QNJ |
|                                                                  |                                                                                                                                  | Qsncpa_pbgmíbc:                     | 154.5 b@ QNJ |
|                                                                  |                                                                                                                                  | M k l çbgpcargm l l çj:             | 157.0 b@ QNJ |
|                                                                  |                                                                                                                                  | @çbgpcargm l l çj:                  | 156.0 b@ QNJ |
|                                                                  | Charge de 1000 Ω:                                                                                                                | A_pbgmíbc:                          | 149.0 b@ QNJ |
|                                                                  |                                                                                                                                  | Qsncpa_pbgmíbc:                     | 152.0 b@ QNJ |
|                                                                  |                                                                                                                                  | M k l çbgpcargm l l çj:             | 154.0 b@ QNJ |
|                                                                  |                                                                                                                                  | @çbgpcargm l l çj:                  | 153.5 b@ QNJ |
| Rapport signal/bruit                                             | A_pbgmíbc:                                                                                                                       | 73.5 b@                             |              |
|                                                                  | Qsncpa_pbgmíbc:                                                                                                                  | 71.5 b@                             |              |
|                                                                  | M k l çbgpcargm l l çj:                                                                                                          | 70.5 b@                             |              |
|                                                                  | @çbgpcargm l l çj:                                                                                                               | 71.0 b@                             |              |
| Plage dynamique                                                  | Charge de 2500 Ω:                                                                                                                | A_pbgmíbc:                          | 131.0 b@     |
|                                                                  |                                                                                                                                  | Qsncpa_pbgmíbc:                     | 132.0 b@     |
|                                                                  |                                                                                                                                  | M k l çbgpcargm l l çj:             | 133.5 b@     |
|                                                                  |                                                                                                                                  | @çbgpcargm l l çj:                  | 133.0 b@     |
|                                                                  | Charge de 1000 Ω:                                                                                                                | A_pbgmíbc:                          | 128.5 b@     |
|                                                                  |                                                                                                                                  | Qsncpa_pbgmíbc:                     | 129.5 b@     |
|                                                                  |                                                                                                                                  | M k l çbgpcargm l l çj:             | 130.5 b@     |
|                                                                  |                                                                                                                                  | @çbgpcargm l l çj:                  | 130.5 b@     |
| Niveau d'écrtéage<br>p 1 iFx, BFR bc 1 %                         | Af_pec bc 2500 ' :                                                                                                               | 10.5 b@T                            |              |
|                                                                  | Af_pec bc 1000 ' :                                                                                                               | 7.5 b@T                             |              |
| Bruit propre<br>çosjt_jç l r QNJ, nm l bçpç c l<br>?, nwnjosç    | A_pbgmíbc:                                                                                                                       | 20.5 b@ QNJ-?                       |              |
|                                                                  | Qsncpa_pbgmíbc:                                                                                                                  | 22.5 b@ QNJ-?                       |              |
|                                                                  | M k l çbgpcargm l l çj:                                                                                                          | 23.5 b@ QNJ-?                       |              |
|                                                                  | @çbgpcargm l l çj:                                                                                                               | 23.0 b@ QNJ-?                       |              |
| Rejet en mode commun<br>20 p 20,000 iFx                          | u55 b@                                                                                                                           |                                     |              |
| Polarité                                                         | S l c npcqçqm l _amsqçjosç nmqçrtc qsp jc bç_nfp_ekç nçmbsjr s l c<br>rc l qm l nmqçrtc qsp jç`pmafc 2 n_p_p_nnmpr p jç`pmafc 3. |                                     |              |
| Alimentation                                                     | 11Z52 T a.a. <sup>14</sup> jç k c l r_çm l ç_l rò k c (çCA-61938)<br>2.4 k ?, k_vç k s k                                         |                                     |              |
| Poids Net                                                        | 145 e (5.1 mx)                                                                                                                   |                                     |              |

<sup>14</sup> 1 N\_=94 b@ QNJ

<sup>14</sup>J\_ BFR bs npç\_ k nçjçl a\_rcsp bs k çapçm nfm l c \_nnjosçç \_s l çtc \_s bs çqel j bç l rçç çqr çosjt\_jc l rç \_s l çtc \_s bc çmçrç bc jç\_a\_nçsjc nmçp jç\_t\_jçsp QNJ qnççççç.

<sup>14</sup>Jç p\_nnmpr çqel jç/psjr çqr jç\_bççççç l ac c l rç jc l çtc \_s QNJ bc 94 b@ çr jc l çtc \_s QNJ çosjt\_jc l rç bs`psjr nçmçnc nm l bçpç ?.

<sup>14</sup>Rmçrcq jçq a\_p\_arççççççççç rca f l çosçç m l r çrç k çqççççç m l r

TECHNISCHE DATEN

|                                                                           |                                                                                                                                                                                                                          |                                                                                                                                                                                              |  |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Kapseltyp                                                                 | Cjcirpcr-lmlbclq_rmp                                                                                                                                                                                                     |                                                                                                                                                                                              |  |
| Richtcharakteristik                                                       | 181/A: Niere<br>181/Q: Qsncpljcpcc<br>181/M: lsecjaf_p_ircpxqngi<br>181/@%: ?afrcpaf_p_ircpxqngi                                                                                                                         |                                                                                                                                                                                              |  |
| Frequenzgang                                                              | 20`iq 20,000 Fx                                                                                                                                                                                                          |                                                                                                                                                                                              |  |
| Ausgangsimpedanz                                                          | 110'                                                                                                                                                                                                                     |                                                                                                                                                                                              |  |
| Empfindlichkeit<br>Jccpj_siqn_l_lisle,`cj 1<br>i Fx, rwnjqaf              | Ljcpcc: Z46.5 b@T/N_ <sup>14</sup> (4.7 kT)<br>Qsncpljcpcc: Z49.5 b@T/N_ <sup>14</sup> (3.4 kT)<br>lsecjaf_p_ircpxqngi: Z52.0 b@T/N_ <sup>14</sup> (2.5 kT)<br>?afrcpaf_p_ircpxqngi: Z51.0 b@T/N_ <sup>14</sup> (2.8 kT) |                                                                                                                                                                                              |  |
| Maximaler<br>Schalldruckpegel<br>1 i Fx`cj 1 %<br>Ecq_krijjppd_iimp       | 2500 Ω Last:                                                                                                                                                                                                             | Ljcpcc: 151.5 b@<br>Qsncpljcpcc: 154.5 b@<br>lsecjaf_p_ircpxqngi: 157.0 b@<br>?afrcpaf_p_ircpxqngi: 156.0 b@<br>Qaf_jjbpsaincecj<br>Qaf_jjbpsaincecj<br>Qaf_jjbpsaincecj<br>Qaf_jjbpsaincecj |  |
|                                                                           | 1000 Ω Last:                                                                                                                                                                                                             | Ljcpcc: 149.0 b@<br>Qsncpljcpcc: 152.0 b@<br>lsecjaf_p_ircpxqngi: 154.0 b@<br>?afrcpaf_p_ircpxqngi: 153.5 b@<br>Qaf_jjbpsaincecj<br>Qaf_jjbpsaincecj<br>Qaf_jjbpsaincecj<br>Qaf_jjbpsaincecj |  |
| Signalrauschabstand                                                       | Ljcpcc: 73.5 b@<br>Qsncpljcpcc: 71.5 b@<br>lsecjaf_p_ircpxqngi: 70.5 b@<br>?afrcpaf_p_ircpxqngi: 71.0 b@                                                                                                                 |                                                                                                                                                                                              |  |
| Dynamikbereich                                                            | 2500 Ω Last:                                                                                                                                                                                                             | Ljcpcc: 131.0 b@<br>Qsncpljcpcc: 132.0 b@<br>lsecjaf_p_ircpxqngi: 133.5 b@<br>?afrcpaf_p_ircpxqngi: 133.0 b@                                                                                 |  |
|                                                                           | 1000 Ω Last:                                                                                                                                                                                                             | Ljcpcc: 128.5 b@<br>Qsncpljcpcc: 129.5 b@<br>lsecjaf_p_ircpxqngi: 130.5 b@<br>?afrcpaf_p_ircpxqngi: 130.5 b@                                                                                 |  |
| Begrenzungspegel<br>`cj 1 i Fx, 1 %<br>Ecq_krijjppd_iimp                  | 2500' J_qr: 10.5 b@T<br>1000' J_qr: 7.5 b@T                                                                                                                                                                              |                                                                                                                                                                                              |  |
| Eigenrauschen<br>äosjt_jclrcp<br>Qaf_jjbpsaincecj,<br>?-`cucprcr, rwnjqaf | Ljcpcc: 20.5 b@ Qaf_jjbpsaincecj<br>Qsncpljcpcc: 22.5 b@ Qaf_jjbpsaincecj<br>lsecjaf_p_ircpxqngi: 23.5 b@ Qaf_jjbpsaincecj<br>?afrcpaf_p_ircpxqngi: 23.0 b@ Qaf_jjbpsaincecj                                             |                                                                                                                                                                                              |  |
| Gleichtaktunterdrückung<br>20`iq 20,000 i Fx                              | u55 b@                                                                                                                                                                                                                   |                                                                                                                                                                                              |  |
| Polarität                                                                 | Nmqrgrtcp Bpsai_l bcp Kck`p_l cpxcser nmqrgrtc Qn_l_lisle_l Nl 2<br>!l @cxse_sd Nl 3.                                                                                                                                    |                                                                                                                                                                                              |  |
| Versorgungsspannungen                                                     | 11Z52 T BA <sup>44</sup> Nf_lrmkqncqsgle (CA-61938)<br>2.4 k ?, K_vqskk                                                                                                                                                  |                                                                                                                                                                                              |  |
| Nettogewicht                                                              | 145 e (5.1 mx.)                                                                                                                                                                                                          |                                                                                                                                                                                              |  |

<sup>14</sup>1 N\_=94 b@ QNJ

<sup>42</sup>Ecq\_krijjppd\_iimp bcq Kqipmdml-Tmtpcpqrâpicpq, ucll bcp\_ljjececlbc Cjle\_l eqqgel\_jncecj`cq k`lecec`clcl Qaf\_jjbpsaincecj xsk l\_nqci\_sqe\_le äosjt\_jclrgqr.

<sup>43</sup>Qgel\_jp\_sqaf`\_qr\_lb qqr byc Bpâpcplx xugafcl 94 b@ Qaf\_jjbpsaincecj slb bck äosjt\_jclrlcl Qaf\_jjbpsaincecj bcq Cqecfp\_sqafclq kqr @cucgrsleqisptc ?.

<sup>44</sup>?jjc Qncxqdi\_rm lcl uspbcl`cq Nf\_lrmkqncqsgle kqr 48 T Ejcjafqn\_l\_lisle eck cqccql. B\_q Kqipmdml dslrgmljcp r`cj ecqjlecpcc Qn\_l\_lisle, lcbmaf kqr cru\_q tccqjlecpccp Cjcgsgle slb Ckndglbjaficqr.

SPECIFICHE TECNICHE

|                                                                                                |                                                                                                                                                                                                                      |                                                                                                                                                                                          |  |
|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Tipo di capsula                                                                                | Am lbc lq_rmpc _ cjcrrpcrc                                                                                                                                                                                           |                                                                                                                                                                                          |  |
| Diagramma polare                                                                               | 181/A: A_pbgmybc<br>181/Q: Qsncpa_pbgmybc<br>181/M: M k lgbjpcxgm l_jc<br>181/@%: @lgbjpcxgm l_jc                                                                                                                    |                                                                                                                                                                                          |  |
| Risposta in frequenza                                                                          | 20 - 20,000 Fx                                                                                                                                                                                                       |                                                                                                                                                                                          |  |
| Impedenza di uscita                                                                            | 110'                                                                                                                                                                                                                 |                                                                                                                                                                                          |  |
| Sensibilità<br>rc lqym l c _ agpasjrm _ncprm, _b<br>1 i Fx, rgnjam                             | A_pbgmybc: Z46.5 b@T/N <sup>14</sup> (4.7 kT)<br>Qsncpa_pbgmybc: Z49.5 b@T/N <sup>14</sup> (3.4 kT)<br>M k lgbjpcxgm l_jc: Z52.0 b@T/N <sup>14</sup> (2.5 kT)<br>@lgbjpcxgm l_jc: Z51.0 b@T/N <sup>14</sup> (2.8 kT) |                                                                                                                                                                                          |  |
| Livello di pressione sonora<br>(SPL) massimo<br>1 i Fx _1% b <sub>j</sub> RFB                  | Carico di 2500 Ω:                                                                                                                                                                                                    | A_pbgmybc: 151.5 b@ b <sub>j</sub> QNJ<br>Qsncpa_pbgmybc: 154.5 b@ b <sub>j</sub> QNJ<br>M k lgbjpcxgm l_jc: 157.0 b@ b <sub>j</sub> QNJ<br>@lgbjpcxgm l_jc: 156.0 b@ b <sub>j</sub> QNJ |  |
|                                                                                                | Carico di 1000 Ω:                                                                                                                                                                                                    | A_pbgmybc: 149.0 b@ b <sub>j</sub> QNJ<br>Qsncpa_pbgmybc: 152.0 b@ b <sub>j</sub> QNJ<br>M k lgbjpcxgm l_jc: 154.0 b@ b <sub>j</sub> QNJ<br>@lgbjpcxgm l_jc: 153.5 b@ b <sub>j</sub> QNJ |  |
| Rapporto segnale/rumore                                                                        | A_pbgmybc: 73.5 b@<br>Qsncpa_pbgmybc: 71.5 b@<br>M k lgbjpcxgm l_jc: 70.5 b@<br>@lgbjpcxgm l_jc: 71.0 b@                                                                                                             |                                                                                                                                                                                          |  |
| Gamma dinamica                                                                                 | Carico di 2500 Ω:                                                                                                                                                                                                    | A_pbgmybc: 131.0 b@<br>Qsncpa_pbgmybc: 132.0 b@<br>M k lgbjpcxgm l_jc: 133.5 b@<br>@lgbjpcxgm l_jc: 133.0 b@                                                                             |  |
|                                                                                                | Carico di 1000 Ω:                                                                                                                                                                                                    | A_pbgmybc: 128.5 b@<br>Qsncpa_pbgmybc: 129.5 b@<br>M k lgbjpcxgm l_jc: 130.5 b@<br>@lgbjpcxgm l_jc: 130.5 b@                                                                             |  |
| Livello di clipping<br>_b 1 i Fx, 1% b <sub>j</sub> RFB                                        | A_pjam bj 2500' : 10.5 b@T<br>A_pjam bj 1000' : 7.5 b@T                                                                                                                                                              |                                                                                                                                                                                          |  |
| Rumore generato internamente<br>QNJ cos <sup>2</sup> t_jc lrc, nm l bcp-<br>_xgm l c ?, rgnjam | A_pbgmybc: 20.5 b@ b <sub>j</sub> QNJ-?<br>Qsncpa_pbgmybc: 22.5 b@ b <sub>j</sub> QNJ-?<br>M k lgbjpcxgm l_jc: 23.5 b@ b <sub>j</sub> QNJ-?<br>@lgbjpcxgm l_jc: 23.0 b@ b <sub>j</sub> QNJ-?                         |                                                                                                                                                                                          |  |
| Reiezione di modo comune<br>20 - 20,000 i Fx                                                   | u55 b@                                                                                                                                                                                                               |                                                                                                                                                                                          |  |
| Polarità                                                                                       | Sl_npcqqgm l c nmqgrt_ qsj bj_dp_k k _nqmb sac sl _rc lqym l c nmqgrt_ qsj njcbjlm 2 ppxncrrm _j njcbjlm 3.                                                                                                          |                                                                                                                                                                                          |  |
| Alimentazione                                                                                  | 11Z52 T a.a. <sup>14</sup> _j jkc lrl_xgm l c tprgs_jc (CA-61938)<br>2.4 k?, k_qqk m                                                                                                                                 |                                                                                                                                                                                          |  |
| Peso netto                                                                                     | 145 e (5.1 mlac)                                                                                                                                                                                                     |                                                                                                                                                                                          |  |

<sup>14</sup>1 N\_=94 b@ QNJ

<sup>42</sup>Os\_lbm tyclc \_nnja\_rm gj qcel\_jc bj glcpcqqm, j\_bjqrmpqgm l c\_p k mlja\_rmr\_jc (RFB) bcj npc\_k njpjb\_a\_rmpc kqapmdml jam æ cosjt\_jclrc \_j jrsqar\_bccj\_a\_nqsj \_j jttcjjm bj npcqqgm l c qm lmp\_qncaybâ\_rm.

<sup>43</sup>Gj\_p\_nnmprgm qcel\_jc/ps kmpc æ j\_bpâpcplx \_rp\_sl QNJ bj 94 b@ c j QNJ cosjt\_jclrlc bcj ps kmpc ec lcp\_rm glrcpl\_kclrlc c kqgsp\_rm am l djjrm bj nm l bcp\_xgm l c ?

<sup>44</sup>RSrrq g b\_rgcaljaq kqgsp\_rq am l sl \_jjkc lrl\_rmpc nf\_lrmk b\_48 T a.a. Gj kqapmdml dslxgm l \_ \_rc l-qgm l g l dcpmpq, k \_am l a\_knm \_sbjgm c qclqj`gjrp jceecp kclrlc pjbmrqr.

ESPECIFICACIONES

|                                                              |                                                                                                                          |                                                                                                                                                          |              |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Tipo de cápsula                                              | AmIbcIq_bmp bc cjcarpcrm                                                                                                 |                                                                                                                                                          |              |
| Patrón polar                                                 | 181/A:                                                                                                                   | A_pbgmjbcb                                                                                                                                               |              |
|                                                              | 181/Q:                                                                                                                   | Qsncpa_pbgmjbcb                                                                                                                                          |              |
|                                                              | 181/M:                                                                                                                   | Mk l jbgpcaaym l_j                                                                                                                                       |              |
|                                                              | 181/@:                                                                                                                   | @jbgpcaaym l_j                                                                                                                                           |              |
| Respuesta de frecuencia                                      | 20 _ 20,000 Fx                                                                                                           |                                                                                                                                                          |              |
| Impedancia de salida                                         | 110'                                                                                                                     |                                                                                                                                                          |              |
| Sensibilidad<br>tmjr_hc am l apasym _`qcpm, _1 i Fx, rényam  | A_pbgmjbcb:<br>Qsncpa_pbgmjbcb:<br>Mk l jbgpcaaym l_j:<br>@jbgpcaaym l_j:                                                | Z46.5 b@T/N <sup>14</sup> (4.7 k T)<br>Z49.5 b@T/N <sup>14</sup> (3.4 k T)<br>Z52.0 b@T/N <sup>14</sup> (2.5 k T)<br>Z51.0 b@T/N <sup>14</sup> (2.8 k T) |              |
| Nivel de presión acústica (SPL) máx.<br>1 i Fx am l 1% RFB   | Carga de 2500 Ω:                                                                                                         | A_pbgmjbcb:                                                                                                                                              | 151.5 b@ QNJ |
|                                                              |                                                                                                                          | Qsncpa_pbgmjbcb:                                                                                                                                         | 154.5 b@ QNJ |
|                                                              |                                                                                                                          | Mk l jbgpcaaym l_j:                                                                                                                                      | 157.0 b@ QNJ |
|                                                              |                                                                                                                          | @jbgpcaaym l_j:                                                                                                                                          | 156.0 b@ QNJ |
|                                                              | Carga de 1000 Ω:                                                                                                         | A_pbgmjbcb:                                                                                                                                              | 149.0 b@ QNJ |
|                                                              |                                                                                                                          | Qsncpa_pbgmjbcb:                                                                                                                                         | 152.0 b@ QNJ |
|                                                              |                                                                                                                          | Mk l jbgpcaaym l_j:                                                                                                                                      | 154.0 b@ QNJ |
|                                                              |                                                                                                                          | @jbgpcaaym l_j:                                                                                                                                          | 153.5 b@ QNJ |
| Relación de señal a ruido                                    | A_pbgmjbcb:                                                                                                              | 73.5 b@                                                                                                                                                  |              |
|                                                              | Qsncpa_pbgmjbcb:                                                                                                         | 71.5 b@                                                                                                                                                  |              |
|                                                              | Mk l jbgpcaaym l_j:                                                                                                      | 70.5 b@                                                                                                                                                  |              |
|                                                              | @jbgpcaaym l_j:                                                                                                          | 71.0 b@                                                                                                                                                  |              |
| Rango dinámico                                               | Carga de 2500 Ω:                                                                                                         | A_pbgmjbcb:                                                                                                                                              | 131.0 b@     |
|                                                              |                                                                                                                          | Qsncpa_pbgmjbcb:                                                                                                                                         | 132.0 b@     |
|                                                              |                                                                                                                          | Mk l jbgpcaaym l_j:                                                                                                                                      | 133.5 b@     |
|                                                              |                                                                                                                          | @jbgpcaaym l_j:                                                                                                                                          | 133.0 b@     |
|                                                              | Carga de 1000 Ω:                                                                                                         | A_pbgmjbcb:                                                                                                                                              | 128.5 b@     |
|                                                              |                                                                                                                          | Qsncpa_pbgmjbcb:                                                                                                                                         | 129.5 b@     |
|                                                              |                                                                                                                          | Mk l jbgpcaaym l_j:                                                                                                                                      | 130.5 b@     |
|                                                              |                                                                                                                          | @jbgpcaaym l_j:                                                                                                                                          | 130.5 b@     |
| Nivel de limitación<br>_1 i Fx, 1% RFB                       | A_pe_bc 2500' :                                                                                                          | 10.5 b@T                                                                                                                                                 |              |
|                                                              | A_pe_bc 1000' :                                                                                                          | 7.5 b@T                                                                                                                                                  |              |
| Ruido autógeno<br>QNJ cosjt_jc lrc, Nm l bcp_ajñ l ?, rényam | A_pbgmjbcb:                                                                                                              | 20.5 b@ QNJ-?                                                                                                                                            |              |
|                                                              | Qsncpa_pbgmjbcb:                                                                                                         | 22.5 b@ QNJ-?                                                                                                                                            |              |
|                                                              | Mk l jbgpcaaym l_j:                                                                                                      | 23.5 b@ QNJ-?                                                                                                                                            |              |
|                                                              | @jbgpcaaym l_j:                                                                                                          | 23.0 b@ QNJ-?                                                                                                                                            |              |
| Rechazo en modo común<br>20 _ 20,000 i Fx                    | U55 b@                                                                                                                   |                                                                                                                                                          |              |
| Polaridad                                                    | SI _ npcqñ l nmqrgt_ c l cj b_ dp_ek_ bcj k apñm l m npmsac s l tmjr_hc nmqrgtm c l j_ aj_tñ_2 am l pcqncarm _j_ aj_tñ_3 |                                                                                                                                                          |              |
| Requisitos de alimentación                                   | 11Z52 TAA <sup>14</sup> ?j k c l r_ajñ l nf_ l rm k (ICA-61938)<br>2.4 k ?, k ßv k m                                     |                                                                                                                                                          |              |
| Peso Neto                                                    | 145 e (5.1 mx)                                                                                                           |                                                                                                                                                          |              |

<sup>14</sup>1 N\_=94 b@ QNJ

<sup>12</sup>RFB bcj np̄c\_ kn̄j̄p̄a\_bmp bcj k̄jap̄ñmI m as\_ l̄m cj l̄gt̄cj bc j\_ q̄c̄i\_j bc cI np̄\_b\_osc q̄c \_nj̄a\_ cq  
cos̄t\_jcIrc \_j\_ q̄c̄i\_j bc q\_j̄b\_ bc j\_ āñq̄sj\_ n\_̄\_ cj QNJ osc q̄c c̄q̄nc̄aȳa\_

<sup>13</sup>J\_ pcj\_ayñI bc q̄c̄i\_j \_ ps̄j̄bm cq j\_ b̄ȳc̄p̄cI a\_ cI np̄c 94 b@ QNJ w cj QNJ cos̄t\_jcIrc bcj ps̄j̄bm ðI f̄cp-  
cI np̄c am̄t̄q̄ñI bc p̄s̄j̄bm ? j\_ ps̄j̄bm cq nmI bcw \_rcI j\_ \_? cj\_ b@ ^ 1 \_ c \_ ð \_ t \_

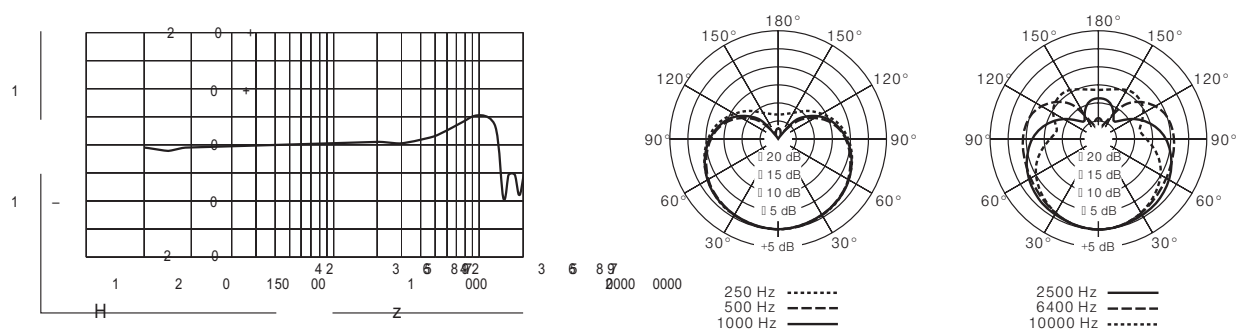
<sup>14</sup>Rmb\_ b̄\_j̄q\_ j\_ j̄q\_ bcj\_? bcj\_ QNJ ?

Технические характеристики

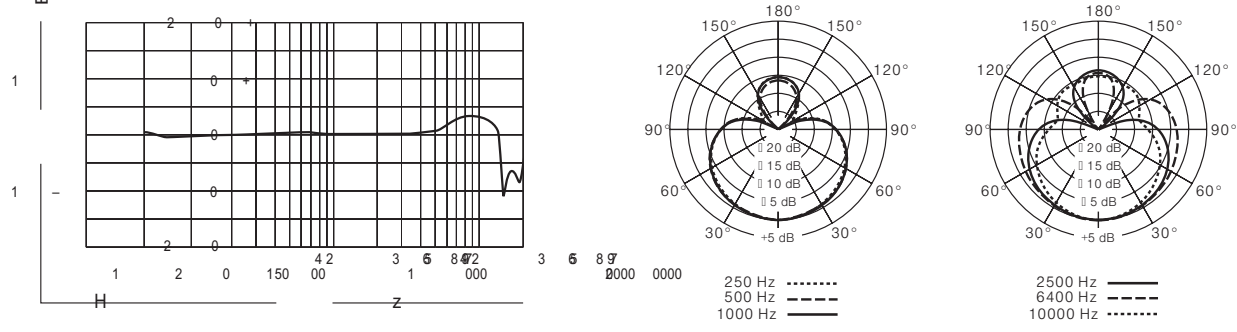




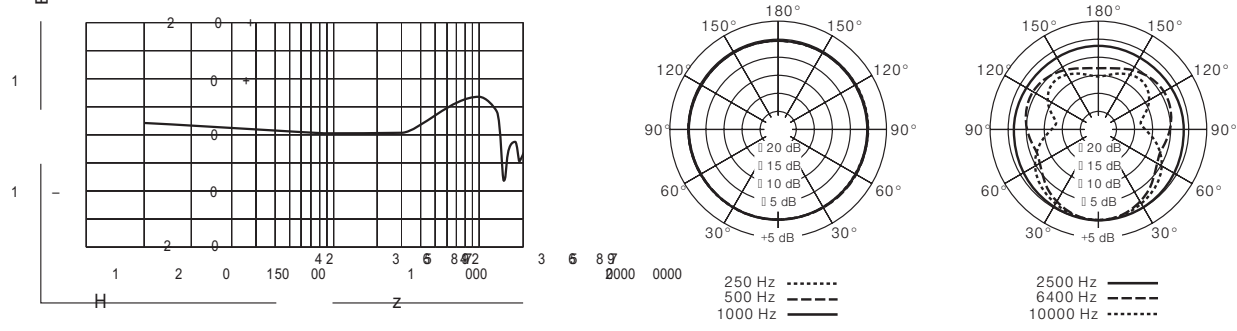
Beta 181/C



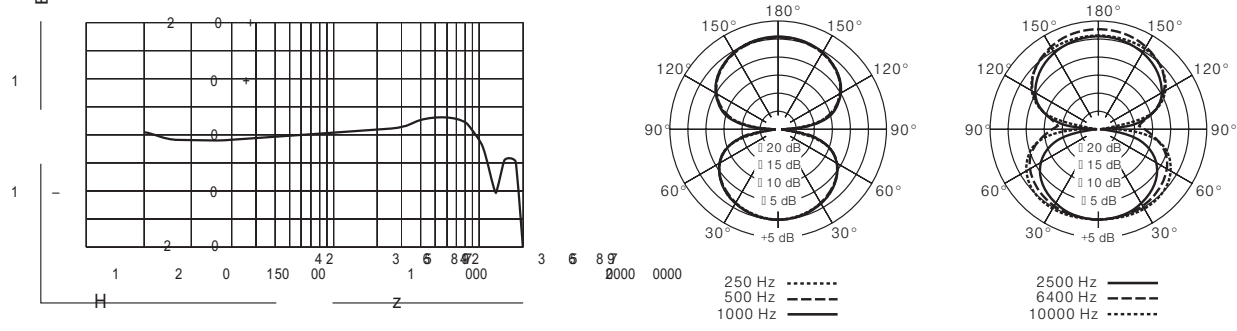
Beta 181/S



Beta 181/O



Beta 181/BI







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