

The e'li(#ent is warranted for a (eriod o\$) years \$ro# t&e date o\$ invoice (e**wor+s) T&e warranty does not cover \$a!lts (rovo+ed by carelessness, nat!ral ca!ses and (arts s!b,ect to wear In addition, t&e cost o\$ s&i(#ent is not covered T&e warranty will be voided i\$ t&e e'li(#ent is #is&andled

I\$ yo! re'!ire tec&nical s!((ort, contact A- . /-0.11- giving a clear and concise acco!nt o\$ yo!r s(eciic (roble# 2!ote t&e serial n! #ber o\$ yo!r e'li(#ent by re\$erring to t&e A- . na#e(late attac&ed to t&e e'li(#ent itse!\$ as t&is is t&e #ost i# (ortant (iece o\$ in\$or #ation to be (rovided
Tele(&one3 435 056 7730504 8a*3 435 056 953705

I\$ (roble#s arise w&ile t&e e'li(#ent is being installed, cons!lt t&is #an!al and c&ec+ t&at t&e installation is being carried o!t (ro(erly I\$ t&e (roble#s still cannot be solved, call t&e A- .



Abuse or misuse of the element is for (eo)le, (ets and (ro(erty
The manufacturer declines all responsibility for damage and injury resulting from
and

Certain basic safety rules must be observed when using electrical element, in particular "
Never touch the element with wet and/or hands or other parts of the body
" Keep the element away from droplets of water or sprinkling systems
" Never use the element near flammable sources or explosive material
" Do not introduce any extraneous matter into the element



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3 Analog balanced stereo with J=0 connectors
3 Analog balanced stereo with J=0 connectors
Analog balanced stereo with 0K45 connector
digital A- /C-BD stereo with 0K45 connector
digital A- /C-BD stereo with 0K45 connector

Analog balanced stereo with 0K45 connector
Analog balanced stereo with 0K45 connector
Analog balanced stereo with 0K45 connector
Analog stereo with Kac+ 7,3 # # connector

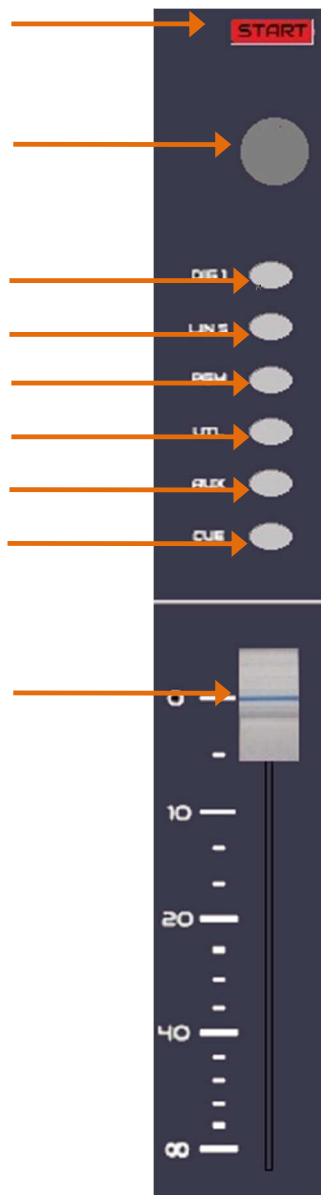
Analog balanced stereo with 0K45 connector

" 0e#ote 8ader with logic controls, (/TA0TC/TOI) with 0K45 connector

All controls on the microphone in the channel are described below

- **TA0T la#** (, it lights when the channel slider is active
- **+nob ,og L** directly it select the gain in the level the

All controls on the console are described below



- /TA0T la # (, it lig&ts w&en t&e c&annel \$ader is active
- +nob ,og L directly it select t&e <ain in(!t level t&e range is "6) F 46) dBL

in se' !ence, t&e \$ollowing co # #ands3

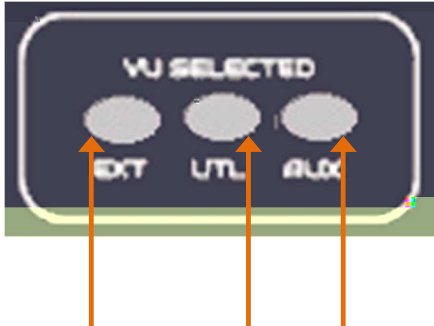
- 6t& (!s&"b!tto # Balance ad,!st ("6) F 46) dB)
-)t& (!s&"b!tto # Treble band ad,!st ("64 F 464 dB)
- 3t& (!s&"b!tto # ?iddle band ad,!st ("64 F 464 dB)
- 4t& (!s&"b!tto # Bass band ad,!st ("64 F 464 dB)
- 5t& (!s&"b!tto # Irvate Tel active (O88COB)
- 7t& (!s&"b!tto # TB /t!dio to 1 0oo # active (O88COB)
- Et& (!s&"b!tto # I<? b!s selection (/ (eec&C ?!sic)
- 9t& (!s&"b!tto # 1ontrol 0oo # ?!te active (O88COB)
- 5t& (!s&"b!tto # ?!te 1 /t!dio active (O88COB)
- 60t& (!s&"b!tto # Tally active (O88COB)
- 66t& (!s&"b!tto # TB 0egia to 1 /t!dio active (O88COB)
- :I< to activate t&e digital A- /C-BD so!rce (only wit& t&e c&annel in /TOI)
- =IB- to activate t&e line so!rce (only wit& t&e c&annel in /TOI)
- I<? B!tton \$or ro!ting t&e c&annel to t&e I<? b!s
- DT= B!tton \$or ro!ting t&e c&annel to t&e DT= b!s
- ADJ B!tton \$or ro!ting t&e c&annel to t&e ADJ b!s
- " B!tton enabling t&e (review 1D-
- " 8ader

All controls on the **DB** line in the channel are described below

- **TA0T** la # (, it lights when the channel sader is active
- **+** nob ,og **L** directly it select the <ain in the level the range is **"6) F 46)** dBL

in se' !ence, the following co # #ands3

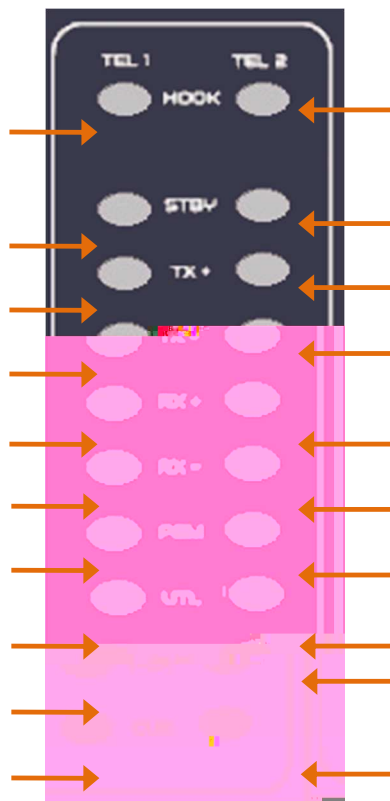
6t& (!T2n-5.9403.84.22064(l)-15.3344(l)-15.3344(o



" B!tton \$or selecting t&e -JT in(!t on /wite&ed digital .D?eters

" B!tton \$or selecting t&e ?aster DT= o!t(!t on /wite&ed digital .D"?eters

" B!tton \$or selecting t&e ?aster ADJ o!t(!t on /wite&ed digital .D"?eters



" HOOA b!tton \$or tele(&one line 6 &oo+"! (" HOOA b!tton \$or tele(&one line) &oo+"! (

" B!tton \$or /tanby state \$or tele(&one line 6 " B!tton \$or /tanby state \$or tele(&one line)

" B!tton \$or TJ4 ad,!st \$or tele(&one line 6 " B!tton \$or TJ4 ad,!st \$or tele(&one line)

" B!tton \$or TJ" ad,!st \$or tele(&one line 6 " B!tton \$or TJ" ad,!st \$or tele(&one line)

" B!tton \$or OJ4 ad,!st \$or tele(&one line 6 " B!tton \$or OJ4 ad,!st \$or tele(&one line)

" B!tton \$or OJ" ad,!st \$or tele(&one line 6 " B!tton \$or OJ" ad,!st \$or tele(&one line)

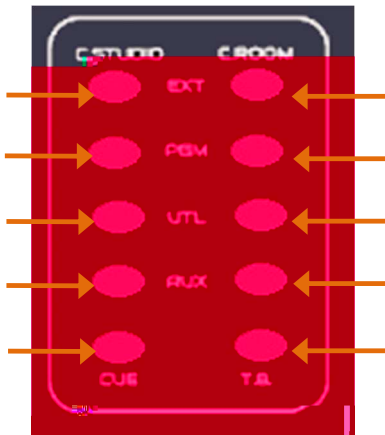
" B!tton \$or assigning t&e tel6 to t&e I<? b!s " B!tton \$or assigning t&e tel) to t&e I<? b!s

" B!tton \$or assigning t&e tel6 to t&e DT= b!s " B!tton \$or assigning t&e tel) to t&e DT= b!s

" B!tton \$or assigning t&e tel) to t&e ADJ b!s " B!tton \$or assigning t&e tel) to t&e ADJ b!s

"B!tton \$or assigning t&e tel) to t&e 1D- b!s

"B!tton \$or assigning t&e tel) to t&e 1D- b!s



– Button for selecting the -JT in (!t for
routing it to the 1ontrol /t!dio o!t(!t
" Button for selecting the #aster I<? o!t(!t
for routing it to the 1ontrol /t!dio o!t(!t
" Button for selecting the #aster DT= o!t(!t
for routing it to the 1ontrol /t!dio o!t(!t
" Button for selecting the #aster ADJ o!t(!t
for routing it to the 1ontrol /t!dio o!t(!t
" Button for selecting the 1D- b!s for routing
it to the 1ontrol /t!dio o!t(!t

– Button for selecting the -JT in (!t for
routing it to the 1ontrol 0oo# o!t(!ts
" Button for selecting the #aster I<? o!t(!t
for routing it to the 1ontrol 0oo# o!t(!ts
" Button for selecting the #aster DT= o!t(!t
for routing it to the 1ontrol 0oo# o!t(!ts

?aster +nob ,og L directly it select the <ain &ead(&one level, the range is "M F 49 dBL
in se'!ence, the following co# #ands3

6t& (!s&"b!tto# 1ontrol 0oo# level ("M F 49 dB)
)t& (!s&"b!tto# 1ontrol /t!dio level ("M F 49 dB)
3t& (!s&"b!tto# I<? o!t(!t level ("6) F 46) dB)
4t& (!s&"b!tto# -*ternal in(!t level ("6) F 46) dB)
5t& (!s&"b!tto# 1D- interloc+ (O88COB)
7t& (!s&"b!tto# I<? :igital sa# (le rate (3), 44 6, 49, 57 AHG)
Et& (!s&"b!tto# DT= :igital sa# (le rate (3), 44 6, 49, 57 AHG)
9t& c&annel selection to associate the co# #and I C O /tartC/to(A (<IIO 6)
5t& c&annel selection to associate the co# #and I C O /tartC/to(B (<IIO))
60t& c&annel selection to associate the co# #and O!t /tartC/to(1

" Button for selecting the #aster ADJ o!t(!t
for routing it to the 1ontrol 0oo# o!t(!ts

" Button to active the Tal+bac+ \$!nction to the
1ontrol /t!dio o!t(!ts

3

When the TB (tal+ bac+) button is pressed, the
signal of the enabled #icro(&one is sent to the
1ontrol /t!dio o!t(!t

- 1&annel wit& \$!nction tal+bac+ to st!dio
(TB/T3 OB)
- 1&annel in /TOI

What &a((ens3

- the Tal+ bac+ button of the re#ote \$ader lig&ts
!(
- the (revio!s selection of the 1ontrol /t!dio \$las&es
- the a!dio signal (resent in the 1ontrol st!dio is
re(laced by the c&annel selected in TB

3

(need the 0e#ote 8ader)

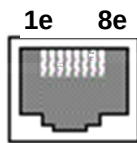
- 1&annel connected to the 0e#ote 8ader !nit wit&
tal+bac+ \$!nction activated (/T103 OB)
- 1&annel in /TOI

What &a((ens when the re#ote TB (tal+ bac+)
button is pressed3

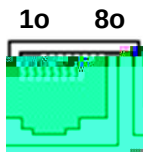
- the Tal+ bac+ button of A1DO \$las&es
- the (revio!s selection of the 1ontrol 0oo# \$las&es
- the a!dio signal (resent in the 1ontrol 0oo# is
re(laced by the c&annel connected to the 0e#ote
8ader !nit
- the signal of the enabled #icro(&one is sent
to the 1ontrol 0oo# o!t(!ts

" 1connector 0K45 \$or tele(&one line 6
" 1connector 0K45 \$or tele(&one service 6
– 1connector 0K45 \$or tele(&one line)
– 1connector 0K45 \$or tele(&one service)

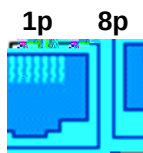
" DT= le\$t c&annel J=0 connector
" DT= rig&t c&annel J=0 connector
" I<? le\$t c&annel J=0 connector
" I<? rig&t c&annel J=0 connector



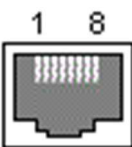
- left channel 4
- left channel "
- right channel 4
- <B:
- B 1
- right channel -
- B 1
- B 1



- DT= dig 4
- DT= dig "
- I<? dig 4
- <B:
- B 1
- I<? dig 4
- B 1
- B 1



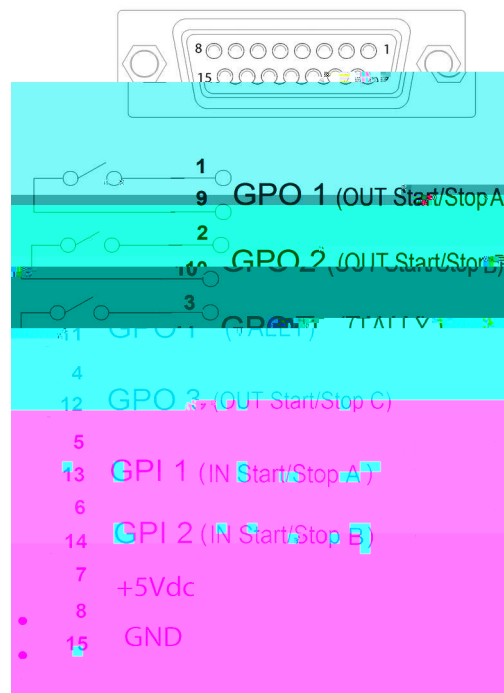
- 45v
- IB
- /tartC/to(=
- /tartC/to(/
- Tal+ Bac+ =
- Tal+ Bac+ /
- <B:
- <B:



- B 1
- B 1
- B 1
- tel set
- tel line
- B 1
- B 1
- B 1



- <IO6 /tartC/to(AL /tartOclose,
- /to(Oo(en
- <IO) /tartC/to(BL /tartOclose,
- /to(Oo(en
- <IO TallyL (/tart)4(Tally OB)
- <IO3 L (/tart) wit& selected c&annel
- <II6 /tartC/to(IB A L Toggle
- <II) /tartC/to(IB B L Toggle
- 45.
- <B:
- <B:



- **Encoder #1** - Select the encoder #1 to the voice channel (/to(A) select the channel assignment, so when the channel will in /tart, the contact between 6 and 5 will close, with the channel in /to(the contact is open
- **Encoder #2** - Select the encoder #2 to the voice channel (/to(B) and select the channel assignment, so when the channel will (!t in /tart, the contact between 6 and 5 will close, with the channel (!t in /to(the contact is open
- **Encoder #3** - Select the encoder #3 to the voice channel, to the item # TA==P set OB, so closes the contact between (ins 3 and 6 will close when the channel is (!t in /tart
- **Encoder #4** - Select the encoder #4 to the voice channel, to the item # TA==P set OB, so closes the contact between (ins 4 and 6) will close when the channel will (!t in /tart in, the contact will open when you! (!t in /to(the channel
- **Encoder #5** - Select the encoder #5 to the voice channel, to the item # TA==P set OB, so closes the contact between (ins 5 and 6) will close when the channel will (!t in /tart in, the contact will open when you! (!t in /to(the channel
- **Encoder #6** - Select the encoder #6 to the voice channel, to the item # TA==P set OB, so closes the contact between (ins 6 and 6) will close when the channel will (!t in /tart in, the contact will open when you! (!t in /to(the channel

- Incoming 1&one 1all3 button \$las&es
- Attac& incoming call, (ress t&e +ey (it re#ains lit)
- Tele(&one call on &old3
 - o b!tto# in OB
 - o (OB) o\$ t&e bar (&one selected
 - o (OB) o\$ t&e #icro(&one c&annel
 - o 0egia ?icro(&one in
- ?eeting \$!nction3
 - o () enabled on t&e sa#e b!s &ybrids , and (ossibly a c&annel wit& #icro(&one
 - o to listen to a!dio on yo!r (&one to activate t&e corres(onding b!s 1 0oo# (0egia) and C or 1 /t!dio (st!dio)
 - o (OB) o\$ t&e #icro(&one c&annel



In(!t con\$ig!ration
In(!t l!#(edance
/ensitivity =evel 0ange
In(!t =evel 0ange
?a*i#!# In(!t =evel
l&anto# /!(ly
600 # # 8ader
1onnector

-lectronically balanced
)00 Q
Ad,!stable \$ro# -E0 F"40 dB! (Tri# #er ad,)
R6) dB! (:igital ad, ste(0,5 dB)
" 30 dB!
49 .dc selectable
.1A :igital controlled
J=0 8e# ale

In(!t con\$ig!ration
In(!t l!#(edance
In(!t =evel 0ange
Headroo#
600 # # 8ader control
1onnector

-lectronically balanced
60 A Q (700 Q wired)
R6) dB! (:igital ad, ste(6,0 dB)
4 69 dB!
.1A :igital controlled
0K"45

In(!t con\$ig!ration
/a#(le 0ate
600 # # 8ader control
1onnector

A- /C-BD, l-1559, /Cl : l8 N - lAK 1l340C6)06
A!to#atic 3), 44 6, 49, 57 AHG converter
.1A :igital controlled
0K"45

In(!t con\$ig!ration
In(!t i#(edance
=ine 1o#(ensation
T* =evel
0* =evel 0ange
8re'!ency res(onse
:istortion
Boise

O(to"co!(led
700 Q Bal
A!to#atically (#a* 5 A#)
R6) dB! (:igital ad, ste(0,5 dB)
R6) dB! (:igital ad, ste(0,5 dB)
300 HG F 3400 HG (") dB) L 300 HG F 3400 HG ("6 5 dB)
S 6 5 T
"70 dB

O!t(!t con\$ig!ration
O!t(!t l!#(edance
l<? O!t(!t =evel 0ange
1onnector
DT=CADJ O!t(!t =evel 0ange
1onnector
1 0oo# ?!t O!t(!t =ev
1onnector

-lectronically balanced
600 Q
"6) F 46) dB!
J=0 # ale
0 dB! \$i*ed
0K"45
" 6)F 46) dB!
0K"45

O!t(!t con\$ig!ration
/a#(le 0ate
1onnector

A- /C-BD, l-1559, /Cl : l8 N - lAK 1l340C6)06
A!to#atic 3), 44 6, 49, 57 AHG converter
0K"45

con\$ig!ration Ty(e
O!t(!t l!#(edance
1onnector

/tereo !nbalanced (1 0oo# no ?!ted)
50 Q
KA1A 7,3 # #

1on\$ig!ration
?a* .oltage
?a* 1!rrent
1onnector
D/B lort

O(tic solid state relay
50 .dcCac
600 #A
: /DB 65 (ole \$e# ale
) * D/B) 0 inter\$ace

:i#ensions

470 * 370 * 44 # # (= * : * H)