E1 Line Settings (TD1232)

This is common setting in Brazil.

- *Be careful! DISA can not be the destination from DID of E1.
- * Please check extension cards(TD170 and TD174).

 These card should be version 2. ((2) is printed on back side of each card.)

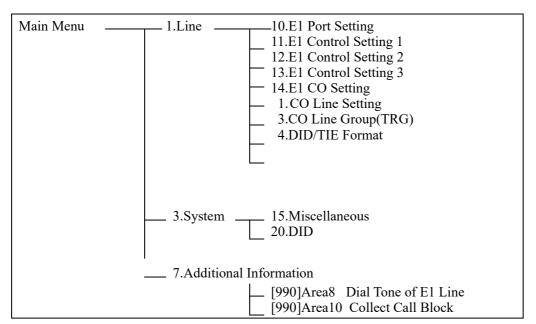


If version 1 is used with E1 card, last 4 channels don't work well. And another problem may happen. (Please refer Installation Manual - 4.2 E1 line installation.)

* After you set some parameter related with E1, you must reset Main Unit.

After this reset, new setting will begin to work.

Structure of Menu which this document explaining



1.Line - 10.E1 Port Setting

[740]	Channel Assignment	Disable	->	DR2
[741]	Dial Mode	Pulse-10	->	MFC-R2
[742]	CPC (IN)	02		
[743]	CPC(out)	02		
[744]	DID Digit	4		
[745]	DR2 Receiver	Undefine	->	MFC-R2

1 Port Setti \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			ウ Off トトチトトトトトトトト CPC	-line トトトトトトト DID	ウ KX-TD1 トトチトトトトトト DR2	232 Master トトトトトトトトトト
No. 01	Assignment DR2	Mode MFC-R2	(IN) (OUT) [02] [02]		Receiver MFC-R2	
02	DR2	MFC-R2	[02] [02]	[4]	MFC-R2	
03 04	DR2 DR2	MFC-R2 MFC-R2	[02] [02] [02] [02]	[4]	MFC-R2 MFC-R2	
05	DR2	MFC-R2	[02] [02] [02] [02]	[4]	MFC-R2	
06 07	DR2 DR2	MFC-R2 MFC-R2	[02] [02]	[4] [4]	MFC-R2 MFC-R2	
08 09	DR2 DR2	MFC-R2 MFC-R2	[02] [02] [02] [02]		MFC-R2 MFC-R2	
10	DR2	MFC-R2	[02] [02]	141	MFC-R2	
11 12	DR2 DR2	MFC-R2 MFC-R2	[02] [02] [02] [02]	[4]	MFC-R2 MFC-R2	
13 14	DR2 DR2	MFC-R2 MFC-R2	[02] [02] [02] [02]	[4]	MFC-R2 MFC-R2	
15	DR2	MFC-R2			MFC-R2	
lit spacebar █ (to select pa OPY 🔞	rameter # HELP	₫ P-PAGE	∄ N-PAG	E 🛚 SAVE	B EXIT

1.Line - 11.E1 Control Setting 1

I.LIME	<u>– 11.E1 Control Settin</u>	<u>g ı</u>		
[707]	Clock Mode	External		
[747]	Line Cording	HDB3		
[748]	Frame Sequence	РСМ30		
[749]	Frame Option	C=0, D=1		
[750]	First Digit Timer (DR2/TIE)	[002] (*32ms)		
[751]	%Break	60%	->	67%
[752]	Dial Click Tone	Yes		
[753]	Inter Digit Pause	830ms		
[754]	Flash Detection	208-1016ms	->	Disable or 80-1016ms
[755]	Answer Decision Timer	[001] (*32ms)		
[756]	Seizure ACK Wait Timer	[05] (*0.5s)	->	[14]
[757]	Pulse Type	Type-A		
[758]	DR2 Signaling Type	Normal		
[759]	Inter Digit Time	[05] (*1.0s)		
[760]	Bit Position for Dial Pulse	A-bit		
[761]	Bit Position for Clear Back	A-bit	->	B-bit

1.Line - 12.E1 Control Setting 2

	IZ.LI Odnu di detung Z			
[762]	E&M Signaling Type	Type-2		
[763]	E&M Pulse Length (seizure)	150ms		
[764]	E&M Pulse Length (answer)	600ms		
[765]	E&M Pulse Length (clear)	600ms		
[766]	Meter Pulse Detection Mode	No Detection		
[767]	Meter Pulse detection Bit Position	B-Bit		
[768]	Meter Pulse Detection Length	[16] (*8ms)		
[769]	DSP Gain DTMF Transmit	[03]		
[770]	DSP Gain DTMF Receive	[16]		
[771]	DSP Gain MFC-R2 Transmit	[16]		
[772]	DSP Gain MFC-R2 Receive	[08]		
[773]	Frame Error Detection	No	->	Yes
[774]	Error Rate	[0]		
[775]	ANI Service Mode	None	->	Both
[776]	ANI Max Digits	[00]	->	[12]
[777]	MFC-R2 Forward Timer	[15]		
[778]	MFC-R2 Backward Timer	[15]		
[779]	MFC-R2 Disappearance Timer	[24]		
[785]	Tone Type for Make Call	Busy+Reorder		
	•	•		

1.Line - 13.E1 Control Setting 3

I.LIIIC IO.LI OOIIC	<u> </u>	<u>ig u</u>						
<group−i> 1.ANI Start</group−i>	[14]	->	[00]	<group−a> 1.Address Complete</group−a>	[03]			
⟨Group-I⟩ 2.ANI Complete	[15]			<group−a> 2.ANI Request</group−a>	[05]			
⟨Group-I⟩ 3.ANI Reject	[12]			<group-a> 3.Set UP speech</group-a>	[06]	->	[13]	
⟨Group−II⟩ 1	Undefined	->	Subscriber	<group-a> 4.(First)Request</group-a>	[00]	->	[02]	
⟨Group−II⟩ 2	Subscriber			<group−a> 5.(N)Request</group−a>	[00]			
⟨Group−II⟩ 3	Undefined	->	Subscriber	<group-a> 6.(N-1)Request</group-a>	[00]	->	[09]	
⟨Group-II⟩ 4	Undefined	->	Subscriber	<group−a> 7.(N−2)Request</group−a>	[00]	->	[07]	
⟨Group−II⟩ 5	Undefined	->	Subscriber	<group−a> 8.(N−3)Request</group−a>	[00]	->	[08]	
⟨Group−II⟩ 6	Undefined	->	Subscriber	<group−b> 1.Idle(1)</group−b>	[01]			
<group−ii> 7</group−ii>	Undefined	->	Subscriber	<group−b> 2.Idle(2)</group−b>	[00]	->	[05]	
⟨Group−II⟩ 8	Undefined	->	Collect Call	<group−b> 3.Idle(3)</group−b>	[00]	->	[06]	
⟨Group−II⟩ 9	Undefined	->	Subscriber	<group−b> 4.No Billing</group−b>	[00]			
⟨Group−II⟩ 10	Undefined			<group−b> 5.Busy</group−b>	[02]			
<group−ii> 11</group−ii>	Undefined			<group−b> 6.Unallocated</group−b>	[03]			
<group−ii> 12</group−ii>	Undefined			<group−b> 7.Congestion</group−b>	[04]			
<group−ii> 13</group−ii>	Undefined			<group-b> 8.Out of Service</group-b>	[04]			
<group−ii> 14</group−ii>	Undefined			<group-b> 9.Collect Call</group-b>	[00]	->	[80]	or
				Reject			[07]	
<group−ii> 15</group−ii>	Undefined			<group-c> 1.Group-C ANI(N+1)</group-c>	[00]			
				<group−c> 2.Group−II ANI</group−c>	[00]			
				u .				

 $\langle Group-I \rangle$ setting → [780], $\langle Group-II \rangle$ setting → [781], $\langle Group-A \rangle$ setting → [782], $\langle Group-B \rangle$ setting → [783], $\langle Group-C \rangle$ setting → [784]

```
1. ANI Start
2. ANI Complet
3. ANI Reject
01. Subscriber
04. Subscriber
07. Subscriber
10. Undefined
                                          Start
Complete
(Group−I>
                                                                                   [15]
[12]
02. Subscriber
05. Subscriber
(Group-II>
                                                                                                                                            03. Subscriber
                                                                                                                                            06. Subscriber
09. Subscriber
12. Undefined
15. Undefined
: [05]
                                                                                   08. Collect call
                                                                                    11. Undefined
                                                                                    14. Undefined
[03] 2. ANI
                         13. Undefined
                                                                                                  defined

2. ANI Request

4. (First)Request

6. (N-1)Request

8. (N-3)Request

2. Idle(2)

4. No Billing

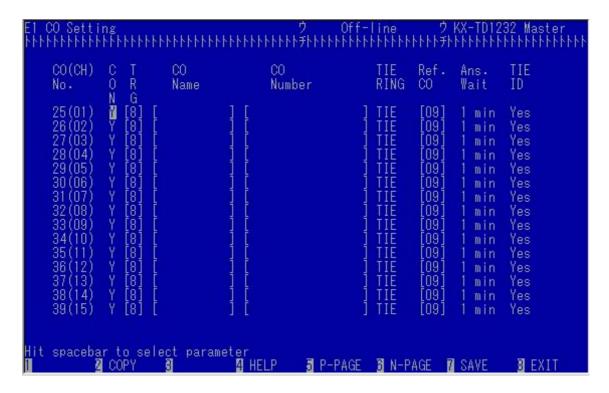
6. Unallocated

8. Out of Service
                           1. Address Complete
3. Set UP speech
5. (N)Request
7. (N-2)Request
1. Idle(1)
3. Idle(3)
(Group-A>
(Group-B>
                                                                                      [06]
                           5. Busy
7. Congestion
                                                                                     [02]
[04]
                           9. Collect Call Reject :
1. Group-C ANI(N+1) :
2. Group-II ANI :
                                                                                     [08]
(Group-C>
nter numeric code
                                                 M HELP 3
                                                                                                 8
                                                                                                                                     N SAVE B EXIT
```

Line - 14.E1 CO Setting

Please note TRG and Ref.CO. These information will be needed in setting of "1.Line-1.CO Line Setting 1".

[400]	CON	Υ		
[401]	TRG	[8]		
[417]	CO Name	[]	->	Max. 10 Characters
[418]	CO Number	[]	->	Max. 16 Digits
[720]	TIE RING	TIE		
[721]	Ref. CO	[09]		
[722]	Ans.Wait	1 min		
[723]	TIE ID	Yes		



Hint!

If you want to restrict each channel of E1 Line, please change "CON" from Y to N.

1.Line - 1.CO Line Setting 1

Please check TRG of CO09.

(CO09 is a Ref.CO in "14.E1 CO Setting". If you set Ref.CO as CO10, you should check CO10.)

If TRG is different from "14.E1 CO Setting", you should change TRG of CO09 as same as "14.E1 CO Setting".

(TRG setting → [401])

CO Line Setting 1 トトトトトトトトトトトトト	+++++++++++	ኃ Off- ትኑትትትት	Transfer and the second	KX-TD1232 Mast	
CO C T D D No O R I T N G A M L F	P C CP(P I Detect S D Mode		1:1 No Night		eak oup
01 Y [1] D 80 02 Y [2] D 80 03 Y [3] D 80 04 Y [4] D 80 05 Y [5] D 80 06 Y [6] D 80 07 Y [7] D 80 08 Y [8] D 80 09 Y [8] D 80 10 Y [8] D 80 11 N [8] D 80 12 N [8] D 80	10 N Disable [10 N Disable [Disable	Disable	Reg. [] [Reg. [] [Reg. [] [Reg. []]	
Enter numeric cod <mark>⊪ ⊠</mark> COPY		HELP 3 P-PAGE	18 N-PAGE j	7 SAVE 8 EXI	T

1.Line - 3.CO Line Groups (TRG)

You should check TRG8.

(If you assign TRG of E1 as another group number, you should check the number which you assigned.)

You should assign "DID/TIE FMT". For example table 1 as below.

(DID/TIE FMT → [430])

CO Line Groups (TRG) >++++++++	4444444	ウ トトチトトト	Off-lin	e トトトトト	ウ KX- トチトト!	-TD123: -FFFF	2 Master トトトトトトト	444
	ntercept EXT No Night	Flash Time (msec)	Pause Time (sec)	DSC Time (sec)	1	PBX Ac	cess 3	DID TIE 4 FMT	
1 Disablo 2 Disablo 3 Disablo 4 Disablo 5 Disablo 7 Disablo 8 <mark>Disabl</mark> o	e Disable e Disable e Disable e Disable e Disable e Disable	600 600 600 600 600 600 600	1.55 1.55 1.55 1.55 1.55 1.55	1.55.55.55.55.55.55					
Hit spacebar to : 1 2 COPY	select param	eter 4 HELP	3	3		™ S#	AVE	3 EXIT	

Hint!

IRNA Destination (Intercept Routing Extension)

- You can set IRNA destination with changing Intercept EXT No(Day/Night).

(
$$\rightarrow$$
 Day = [409], Night = [410])

1.Line - 4.DID/TIE Format

Please check Format 1, because of format setting in "3. CO Line Groups(TRG)".

Usually, it need not check, but if you need edit DID number, please make some change.

(Programming of here \Rightarrow [431] to [435] and [445] to [448])

	E Format \\\\\\\\\\\	*********	*****	FFFFFFF	ウ Off トナトトトトトトト	-line トトトトトト	ウ К. トトトトチトト	X-TD123 トトトトトト	2 Master }}}}}
FMT Ind No.	coming	Outgoing	RMV	Add Dial	Wink Timeout (*64msec)	FWD Timer (sec)	BACK- WARD (sec)	DISA- PPEAR (sec)	1ST DIAL (*32msec)
2 3 4 5 6	Vink Vink Vink Vink Vink Vink Vink	Wink Wink Wink Wink Wink Wink Wink	[0] [0] [0] [0] [0] [0]		[16] [16] [16] [16] [16] [16] [16]	[15] [15] [15] [15] [15] [15] [15]	[15] [15] [15] [15] [15] [15]	[24] [24] [24] [24] [24] [24] [24]	[2] [2] [2] [2] [2] [2]
Hit spa ∐	acebar to 2	select pa ∰		er ∰ HELP	3	3	1	SAVE	3 EXIT

3.System - 15.Miscellaneous

Please change following parameters.

[109] Expansion Card Type (Master)

Please set here as "EL". This means TD188.

- [103] Local Access

This setting is which TRG should be hunt at first, when Local Access Number (9 or 0) pushed. If cliente want to use E1 at first, you should set TRG of E1 line as priority 1.

[135] DID SELECT

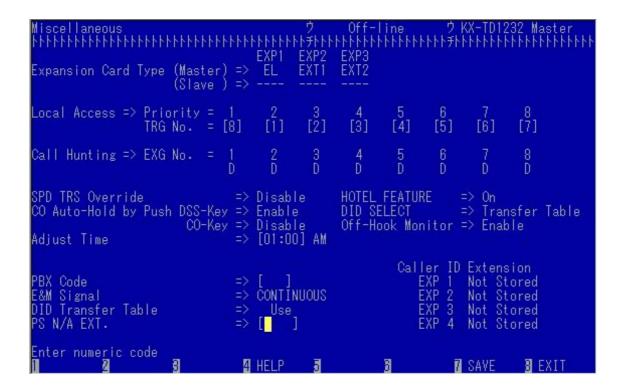
You have two choice.

If DID number from E1 line is same as EXT Number, you can set here "EXT Number".

If you want to use DID Table (refer 3.System – 20.DID), please set here as "Transfer Table". And you should notice the item DID Transfer Table.

- [154] DID Transfer Table

If you want to use DID Table, please set here as "Use". And you should notice the item "DID SELECT".



3.System - 20.DID

- [139] Name : DID Name
- [136] Number : DID Number, usually Telefonica sends 4 digits in Sao Paulo.
- [137],[138] Day, Night: Destination to transfer

DID	· · · · · · · · · · · · · · · · · · ·	Off-line	ウ KX-TD1232 Master
111111111111111111111111111111111	, , , , , , , , , , , , , , , , , , , ,	,444444444444444	7000000000000000000000
DID Name	Number	Day	Night
001 [Panasonic]	[4000]	EXT[4017]	EXT[4017]
002 [William]	[4040]	EXT[4040]	EXT[4017]
003 [Fabio]	[4060	EXT[4060]	EXT[4017]
004 [Kazu]	[4063	EXT[4063]	EXT[4017]
005 [Lucimar]	[4033	EXT[4033]	EXI [4017]
006 [1	1	Disable	Disable
007 [1	Ì	Disable	Disable
008 []	Ì	Disable	Disable
009 [1	Ì	Disable	Disable
ŏĭŏ [j	i	Disable	Disable
ŎĬĬ Ĺ Í	i i	Disable	Disable
ŎiŹ [j	Ť	Disable	Disable
ŏiā [j	1	Disable	Disable
ŎiĂ [j	†	Disable	Disable
ŏis [j	i i	Disable	Disable
őiő [j	†	Disable	Disable
őiő É Í	+	Disable	Disable
ŏiś t	-		
	-	Disable	Disable
019 [-	Disable	Disable
020 []	1	Disable	Disable
Enter numeric code	Music Boo		FLOWE SLEWER
U 2 S	☑ HELP ☑ P-F	AGE 🖥 N-PAGE	🛮 SAVE 🔞 EXIT

7.Additional Information

Dial Tone of E1 Line

[990] Area10 Bit1-8 for TRG1-8

1-Disable (default) : Dial Tone does not come

0-Enable : Dial Tone comes

Collect Call Block

[990] Area8 Bit9-16 for TRG1-8

1-Disable(default): You do not set "Collect Call Block"

0-Enable : You set "Collect Call Block"

Caution

Collect Call Block on E1 is different from the case of Analog CO line.(Sometime, it's same.) Before extension starts to ring, Collect Call Block will be done.

How to Test E1 Line

Synchronization

3.System - 26.E1 Card

```
## PONTINE OF THE PROPERTY

| PONTINE OF THE PROPERTY
| PONTINE OF THE PROPERTY
| PONTINE OF THE PONTINE OF THE
```

CONNECTION: it should be Estalish. --- This is connection between MainUnit and TD188.

DSP Card: it should be INS.

RAM CHECK (EVEN / ODD): they should be OK.

Communication Error count
- CHECK-SUM: it should be 0.

- DATA-EMPTY: it should be around 50. (47 - 53)

- CARD RESET: it should be 1.

→If this part is not good, there is some hardware problem.

CLOCK DETECT : o CLOCK SELECT : o

→ If this part is not good, please check parameters of 1.Line - 10, 11, 12, 13.

Error Log 3.System - 27.E1 Minor Error

E1 Minor Error トトトトトトトトトトトトトトト NO CODE	PREFERENCE DATE	ウ On-line: トチトトトトトトトト NO CODE	ROM[P211I]ウ トトトトトトトトトチトトトト DATE	Empty トトトトトトトトトトト
02 0987 ['01.May.26 03 0987 ['01.May.31	THU 12:03:21 PM] THU 12:03:22 PM]	17 0000 18 0000 19 0000 20 0000 21 0000 22 0000 23 0000 24 0000 25 0000 26 0000 27 0000 28 0000 29 0000 30 0000 31 0000		
0 2	READ HELP	3	3 7	3 EXIT

0996: this means TD188 recovered from error situation.

If you can not find 0996 at the end of error log, there is big possibility that the system has some problem with E1.

0980	Card Type Mismatch. Card send the different card	098D	Detect Error Rare during setting up communication
	type to TD1232 CPU.		with CO.
0981	Not installed DSP Card	098E	Detect RAI signal from CO during normal operation.
0982	Self Diagnostic Error : RAM1(IC18) R/W Error	098F	Detect un-synchronization during normal operation.
0983	Self Diagnostic Error : RAM2(IC19) R/W Error	0990	Detect AIS signal from CO during normal operation.
0984	Self Diagnostic Error : DSP card Error	0991	Detect Multi Frame Error during normal operation.
0986	Sequence Error during initial data communication	0992	Detect Error Rate during normal operation.
0987	Detect No Synchronization during setting up communication with CO.	0993	Detect Download Data Error(TD1232->TD188) during normal operation. TD1232 will restart TD188.
0988	Detect Synchronization during setting up communication with CO.	0994	Detect DSP Card Error
0989	Detect RAI signal from CO during setting up communication with CO.	0996	Receive Error Recover information from TD188(E1 Card).
098A	Detect un-synchronization (Once detect synchronization) during setting up communication with CO.	0997	Detect pulling off TD188(E1 Card).
098B	Detect AIS signal from CO during setting up communication with CO.	0998	Detect FIFO communication Disconnect.(There is no communication.)
098C	Detect Multi Frame Error during setting up communication with CO.	0999	Detect FIFO communication Disconnect.(IDLE frame is normal, but TD1232 can't send data to E1 card.)

(0980)

I have no experience to receive this. But if it appears, E1 card or TD1232 main unit has hardware trouble.

(0981)

This error means that E1 card does not have DSP card. Maybe part of DSP is broken. You should change E1 Card.

(0982)

This means that IC18 is broken. You should change E1 card.

(0983)

This means that IC19 is broken. You should change E1 card.

(0984)

This means that DSP can not work well. Maybe you can not make/receive a call. You should change card.

(0986)

This means that communication between main unit and E1 card is not good. Main unit or E1 card is broken.

(0987)

This means that E1 card could not receive CLK from Central Office. It happens after resetting when Central Office does not open E1 line or our card is broken. Or miss connected TX and RX.

(0988)

This means that, after resetting main unit, in boot up procedure, E1 card could get CLK from Central Office.

Normally you can get this information only after resetting main unit.

(0989)

This means that E1 card received RAI from CO in boot up procedure.

RAI signal means that Central Office received wrong data from PBX.

But factly, it happens with bad quality line.

If a customer use bad quality line, the signal from PBX may change to another data.

And Central Office receives this changed data.

So if you find much of this error code, usually, problem comes from line quality problem.

But in other hand, there is one possibility that it exactly our problem.

When TD1232 got electric shock from thunder, some part of PCB will be broken.

After this also RAI will be send by Central Office, because our PBX sends wrong data.

In this case you should change PCB step by step. (I got this problem only once.)

(098A)

I never got this. But I understand this as line quality problem.

(098B)

Please refer to (0990)

(098C)

Please check line quality. If you have another E1 card, try to change E1 card.

Usually this error code indicates line quality is not good.

(098D)

Please refer to (0992)

(098E)

After synchronization is established, PBX received RAI from Central Office.

About detail information, please refer to explanation of (0989).

(098F)

If line quality is not good, it should be received. Usually, after this error code, (0996) follows.

It means, synchronization was lost temporary.

(0990)

If PBX received AIS information, it's better to confirm what kind of error is included in this AIS

But usually, AIS is received when line quality is not good.

(0991)

Sometimes, it can be happen on bad quality line. It is not normal. I have no idea to solve this problem with our side. If this makes customers unhappy, please complain Central Office.

(0992)

According your setting of "Flame Error Detection" (1.Line - 12.E1 Control Setting 2), it will appear.

If you set this parameter "Yes" and you also set "Error Rate" as some number, PBX detect frame error.

After PBX detects the number (you sent this number) of frame error, this error code appear. And also PBX let this E1 fall down.

(0993)

The communication between E1 card and main unit made some mistake. If you have this error code much, some hardware error happen on E1 card.

(0994)

This means that DSP can not work well. Maybe you can not make/receive a call. You should change card.

(0996)

E1 card recovered from error situation. Usually "error situation" means miss-synchronization.

(0997)

E1 card is pulled off without turning off main unit.

(0998)

The communication between E1 card and main unit disappear. It means E1 card is broken.

(0999)

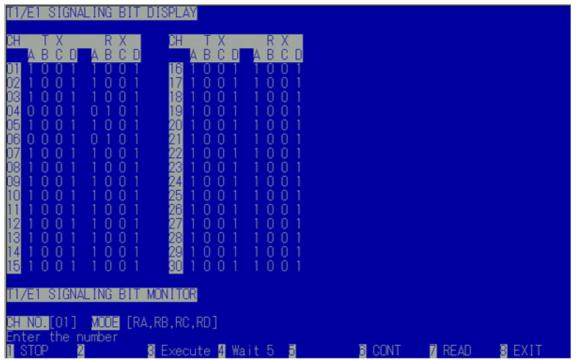
Same as (0998). The communication between E1 card and main unit disappear. It means

E1 card is broken.

Monitor de Bits de Sinalização para tronco - E1

Após conectar na TD1232 vá até o Main Menu e insira o comando [ALT]+[K][X][T][D]. Vai aparecer um outro MENU.

8. E1 Option – 3.E1 BITS de SINALIZAÇÃO



CH = Canal de linha E1.

TX = Bits enviados da placa E1 para a Operadora.

RX = Bits enviados da Operadora para a placa E1.

Explicação para cada Bit

O bit C e o bit D não são usados no Brasil e devem ficar **sempre C = 0 e D = 1**

Sobre o bit A e o B, siga o fluxo na tabela abaixo.

Outgoing Call			Incoming Call		
TX (ABCD)	RX (ABCD)	Status	TX (ABCD)	RX (ABCD)	Status
10 01	10 01	Livre	10 01	10 01	Livre
00 01	11 01	Capturou um canal	11 01	00 01	Operadora nos envia sinal
00 01	11 01	Discando	11 01	00 01	Recebendo DID, ANI
00 01	11 01	Ringing no outro lado	11 01	00 01	Nosso Ramal Ringing
00 01	01 01	Atendeu	11 01	00 01	Atendeu
00 01	01 01	Falando	11 01	00 01	Falando
00 01	11 01	Desconectou do outro lado	11 01	00 01	Desconectou do nosso lado
10 01	01 01	Desconectou do nosso lado	01 01	01 01	Desconectou do outro lado
10 01	10 01	Livre	10 01	10 01	Livre

Se você encontrar (TX = 1001 e RX = 1101) o canal foi bloqueado pela Operadora.

Memory Dump of TD188

From Main Menu, after connected to TD1232, Input [ALT]+[K][X][T][D]. Another Menu will appear.

8.T1/E1 Option - 6.T1/E1 Memory Dump

If you can not solve problem, please take dump data when your problem happen.

Start Address: 200000

Length: 40000

Dump Filename: You can name as you want. Default is "T1E1MEM.LOG".

After this please send this with Error Log(3.System - 27 E1 Minor Error).

Reset DSP of TD188

There are 2 methods to reset only TD188.

<method 1>

Disconnect and re-connect the cable between E1 modem and TD188.

DSP of TD188 will be reset.

<method 2>

From Main Menu, after connected to TD1232, Input [ALT]+[K][X][T][D]. Another Menu will appear.

8.T1/E1 Option - 5.T1/E1 Memory Read/Write

Start Address = 20d14c

Length = 1

Change 0000 → 0010 and push[F4] (WRITE)

DSP reset will be done.

You can do this procedure from RMT site.

Getting FIFO Log (Communication data) between E1 card and Main Unit

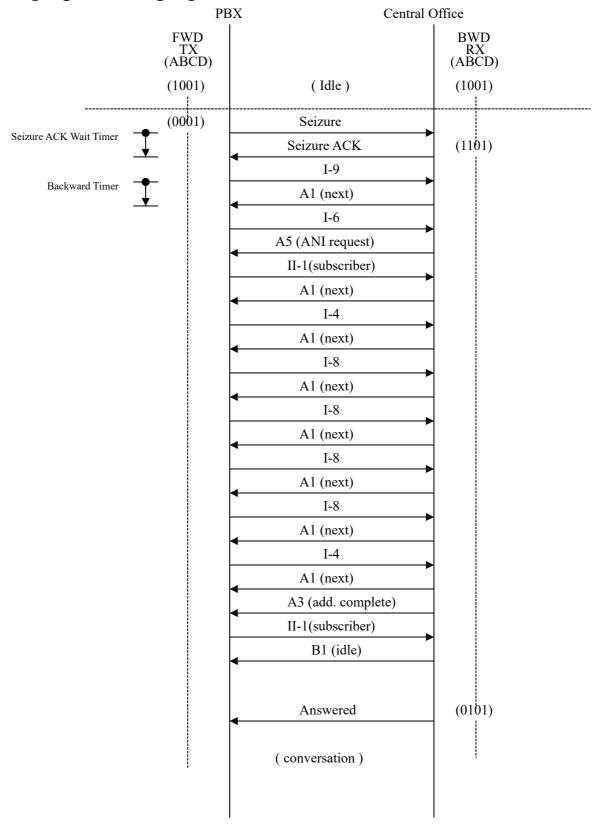
- 1. Connect PC-Soft
- 2. 7.Additional data SYS11 : 1111.1111.1111 \rightarrow 0010.1111.1111.0111 and [Save]
- 3. \rightarrow 0000.1111.1111.0111 and [Save]
- 4. Disconnect PC-Soft
- 5. Connect Hyper Terminal ($9600\,/\,8bit\,/\,None\,/\,1bit$) and start to capture text data.

After your problem happen, quit Hyer Terminal.

- 6. 7.Additional data SYS11 : → 1111.1111.1111 and [Save]
- 7. Send this text data to Panasonic do Brasil by E-mail.

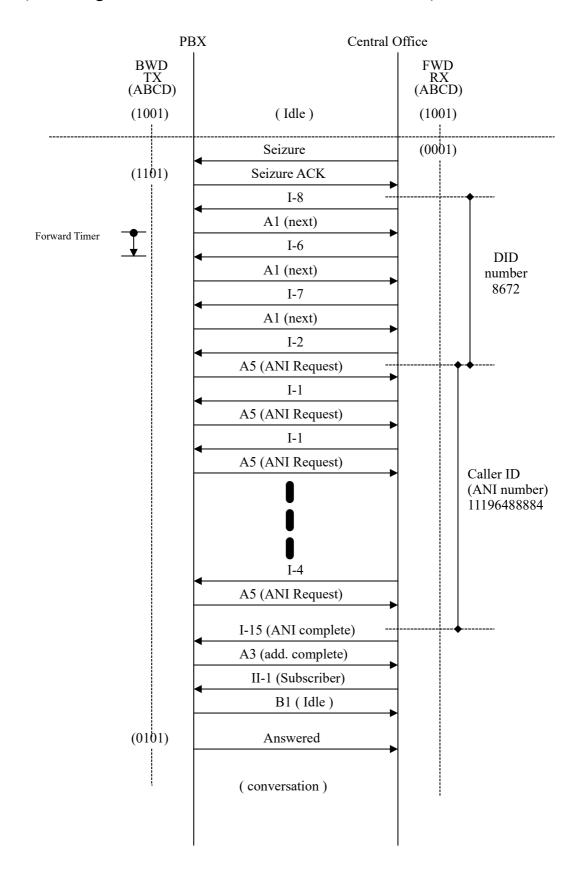
Regular Sequence (MFC-R2) in Brazil

Outgoing call (Outgoing call to 96488884)



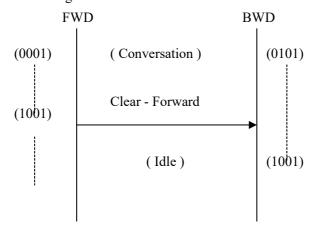
Incoming Call

(Incoming call to Ext.8672, Caller ID is 11196488884)



Disconnecting

Caller Party Disconnecting



Called Party Disconnecting

