

SK6		SK5		SK4		SK3		SK2		SK1	
OEM		T1711		LEFT	TX/EX	RIGHT	TX/EX	LEFT	RX	RIGHT	RX
PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION
1	RX LINE 1	1	RX LINE 1	1	CHANNEL SELECT 1	1	TX/EX LINE 1	1	CHANNEL SELECT 1	1	RX LINE 1
2	RX LINE 4	2	RX LINE 4	2	CHANNEL SELECT 2	2		2	CHANNEL SELECT 2	2	
3	RX FFSK OUT	3	RX FFSK OUT	3	CHANNEL SELECT 3	3		3	CHANNEL SELECT 3	3	
4	RX GATE	4	RX GATE	4	CHANNEL SELECT 4	4	TX/EX LINE 4	4	CHANNEL SELECT 4	4	RX LINE 4
5	TX KEY	5	TX KEY	5	CHANNEL SELECT 5	5	TX ENABLE	5	CHANNEL SELECT 5	5	RSSI (SIG STRENGTH)
6	TX FFSK IN	6	TX FFSK IN	6	CHANNEL SELECT 6	6	LINE 2	6	CHANNEL SELECT 6	6	RX AUDIO 1 or RX FFSK OUT
7	TX/EX LINE 1	7	TX/EX LINE 1	7	CHANNEL SELECT 7	7	LINE 1 or SERIAL COMM TX	7	CHANNEL SELECT 7	7	RX AUDIO 2 or SERIAL COMM RX
8	TX/EX LINE 4	8	TX/EX LINE 4	8	0V	8	TX FFSK IN	8	0V	8	SPEAKER
9	13.8V (FUSED)	9	13.8V (FUSED)	9	N/C	9	13.8V	9	N/C	9	13.8V
10	CROSS BUSY IN 2	10	CROSS BUSY IN 1	10	N/C	10	13.8V	10	N/C	10	13.8V
11	SERIAL COMM	11	SERIAL COMM	11	CHANNEL SELECT 8	11	N/C	11	CHANNEL SELECT 8	11	RX GATE
12	FWD PWR ALARM	12	FWD PWR ALARM	12	SERIAL COMM SECONDARY	12	N/C	12	SERIAL COMM SECONDARY	12	N/C
13	REV PWR ALARM	13	REV PWR ALARM	13	TX FWD PWR ALARM	13	TX KEY	13	N/C	13	N/C
14	CROSS BUSY OUT 1	14	CROSS BUSY OUT 2	14	TX REV PWR ALARM	14	0V	14	N/C	14	0V
15	0V	15	0V	15	TX ENABLE IN	15	0V	15	N/C	15	0V

SW1		SW2		PL4		LN1		SK7, SK9		SK8, SK10	
CHANNEL SELECT		OPTION SELECT		POWER CONNECTOR				LINKING CONNECTIONS		LINKING CONNECTIONS	
PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION	PIN	FUNCTION
1	0V	1	0V	1	0V	1	CROSS BUSY OUT 1	1	CHANNEL SELECT 1	1	13.8V
2	0V	2	0V	2	SERIAL COMM	2	CROSS BUSY IN 1	2	CHANNEL SELECT 2	2	13.8V
3	0V	3	LINE 2	3	SPEAKER	3	TX KEY	3	CHANNEL SELECT 3	3	RX LINE 4
4	0V	4	SERIAL COMM PRIMARY	4	0V	LN2		4	CHANNEL SELECT 4	4	RX FFSK OUT
5	0V	5	SERIAL COMM PRIMARY	5	13.8V			5	CHANNEL SELECT 5	5	SERIAL COMM RX
6	0V	6	N/C	PL3 OEM POWER		1	CROSS BUSY OUT 2	6	CHANNEL SELECT 6	6	RX SPEAKER
7	0V	7	0V			2	CROSS BUSY IN 2	7	CHANNEL SELECT 7	7	RX GATE
8	0V	8	N/C	1	13.8V	3	TX KEY	8	CHANNEL SELECT 8	8	N/C
9	CHANNEL SELECT 8	9	N/C	2	N/C	LN3		9	SERIAL COMM SECONDARY	9	0V
10	CHANNEL SELECT 7	10	TX KEY	3	N/C			10	RX LINE 1	10	0V
11	CHANNEL SELECT 6	11	N/C	4	0V	1	SERIAL COMM SECONDARY				
12	CHANNEL SELECT 5	12	RX AUDIO 2 or SERIAL COMM RX	PL2 OEM POWER		2	SERIAL COMM				
13	CHANNEL SELECT 4	13	LINE 1 or SERIAL COMM TX			3	SERIAL COMM PRIMARY				
14	CHANNEL SELECT 3	14	LINE 1 or SERIAL COMM TX	1	13.8V						
15	CHANNEL SELECT 2	15	REV PWR ALARM	2	N/C						
16	CHANNEL SELECT 1	16	FWD PWR ALARM	3	N/C						
				4	0V						

NOTE: TO CONVERT TRUNKING SLIMLINE TO CONVENTIONAL SLIMLINE.

1. Remove T1500-52-0000 Alarm PCB if fitted.

2. On the top side of PCB, cut the track at Pin 15 of SK4 (SECONDARY (TOP) "D" RANGE). This only applies to PCB 220-01625-00 as this option will be Link Selectable on PCB 220-01625-01 onwards.

3. For Repeater Operation, a shorting plug has to be fitted to SK5 with linking as follows:

PIN 1 to PIN 7

PIN 2 to PIN 8

PIN 4 to PIN 5

LN 1 :- FITTED : 1-2, for CROSS BUSY SIGNAL FEED DIRECT FROM SK6 AND SK7
: 2-3, for CROSS BUSY SIGNAL 1 IN SIGNAL WILL KEY TRANSMITTER

LN 2 :- FITTED : 1-2, for CROSS BUSY SIGNAL FEED DIRECT FROM SK6 AND SK7
: 2-3, for CROSS BUSY SIGNAL 2 IN SIGNAL WILL KEY TRANSMITTER

LN 3 :- FITTED : 1-2, for PROGRAMMING THROUGH SECONDARY (TOP) 'D' RANGE
: 2-3, for PROGRAMMING THROUGH PRIMARY (BOTTOM) 'D' RANGE



2	Add trunking-conv. conversion notes	AMM	ABB	6/4/00
1	Original	AMM	CQ	2/2/99
ISSUE	AMENDMENT	DRAWN	CHECKED	DATE

FILE: c:\ab\800-56-700x.vsd

TITLE: PIN FUNCTIONS of T800-56-700X LIBERTY SLIMLINE BACKPLANE (220-01625-00)
DRAWING: T800-56-0001 BACKPLANE