TG3 Bump Bar Programming Instructions

TG3 Wired and Wireless Bump Bars are designed to be plug compatible with many of today's major POS systems.

Bump Bars are available in RS232, USB or PS2 versions. TG3 Wired Bump Bars have the same flexibility as the wireless Bump Bars; they are designed to be plug compatible with many of today's POS system and KVS controllers.

There are two simple initial steps you must take to set-up your bump bars.

Step #1 – Tell the receiver (Wired Bump Bar) what type of KVS / POS system it is interfacing with.

Step #2 – "Marry" Wireless Bump Bars to a receiver.

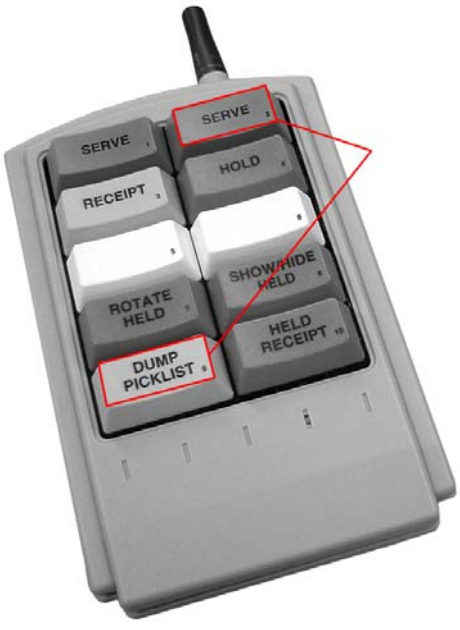
Step #1

After you have plugged your wired receiver/bump bar into the KVS controller you should get a green light indicating there is not power to your receiver. You will now put the bump bar in "managers mode". To do this you will hold down the #2 key and the #9 key simultaneously for about 6 seconds. The light should turn amber. Next hit the #10 key. You should now be in Managers Mode.

(WARNING – THE KEY NUMBER IS NOT WHAT IS PRINTED ON THE LEGEND BUT THE VERY SMALL NUMBER IN THE LOWER RIGHT HAND OF EACH KEY. ALL TG3 BUMP BARS HAVE A INTERNAL DESIGNATED KEY NUMBER USED FOR PROGRAMMING PURPOSES)

TG3 17 Key Bump Bar

TG3 20 Key Bump Bar



TG3 10 Key Bump Bar

Next hit the #2 Key – This tells the receiver that you are about to interface it with a KVS system.

Next hit one of the following numbers depending on the system you are interfacing with:

#1 Key	QSR
#2 Key	Logic Controls
#3 Key	Torex KVS
#4 Key	Torex Bun
#5 Key	Posera
#6 Key	Torex DT Runner
#7 Key	Select Electronics
#8 Key	Documentor
#9 Key	Radient

After hitting one of those options your light will go GREEN and Step #1 is complete!

Step #2

Similar to the process in step #1 you will hold down the #2 key and the #9 key on the RECEIVER until the light turns amber. YOU WILL NOT HIT THE #10 key like you did in step #1.

Next you will ket any of the following key numbers on the receiver.

#1 Key	QSR
#2 Key	Logic Controls
#3 Key	Torex KVS
#4 Key	Torex Bun
#5 Key	Posera
#6 Key	Torex DT Runner
#7 Key	Select Electronics
#8 Key	Documentor
#9 Key	Radient

Next you will hit any key on the wireless bump bar. This now “Married” that bump bar to the receiver. The light on the receiver should have gone green and step #2 is complete.

Additional Programming / Functionality Options

To change management options, the manager's menu can be accessed at any time by pressing the Two (2) and the Nine (9) key on the bump bar until the status light turns amber. This takes about four seconds. Once the light turns amber, press the Ten (10) key. As long as the status light is amber hereafter you are in manager's mode. Normally after each option, the LED turns green and goes back to normal operations. The next key you press starts a particular function as follows:

KEY	Function/Option Description
1	This toggles on/off the ability for the receiver LED to flash red if it receives a signal from a transmitter that is NOT assigned to it. Normally the indicator light will only flash red when receiving a signal from a validly programmed transmitter.
2	Set 20 Key Mode The light will blink green once, then go back to amber indicating that it is ready to set the new keypad mode of operation. The next key determines the mode and can be: 1 -> Table # 1 QSR 2 -> Table # 2 Logic Controls 3 -> Table # 3 Torex KVS 4-> Table # 4 Torex Bun 5-> Table # 5 Posera 6-> Table # 6 Torex DT Runner 7-> Table # 7 Select 8-> Table # 8 Documentor 9-> Table # 9 Radient
3	Change the emergency serve key. This allows the SERVE key to work on the 6 key as well as the one key. Since the SERVE key has such high use, this may be useful if the key stops operating properly. Repeated use of this function will toggle the emergency serve key on and off. After each setting the LED turns green signaling normal operation. This works only when the receiver is assigned to table # 1.
4	Turn Buzzer On/Off. If the buzzer option is turned on you will hear a short buzz after this option, then during each key press you will here a confirmation buzz sound.
5	Set's the BEEP length on certain key commands.
6	CLEAR ALL transmitter entries (this may be necessary if you have filled the table with old transmitters. You will have to reassign all active transmitters)
7	Hit any key on a programmed transmitter. The LED flashes red telling the table # assigned to that transmitter. Example: if the light flashed three (3) times before going green then table # 3 is assigned to that unique transmitter.
8	The LED flashes red telling the version number. For this version it will flash twice.
9	Set Baud Rate. Pressing 1 will set the receiver to 1200 baud. 2=2400. (Rs232 versions only)

The Following is a Chart that shows what key values are being sent to the KVS controller.

Key #	Table 1 – QSR	Table 2 - Logic Controls	Table 3 - Torex KVS	Table 4 TOREX Bun	Table 5 Posera	Table 6 Torex DTR	Table 7 - Select	Table 8 - Documentor	Table 9 - Radient
1	1	CTRL Key	!	#	1	#	a	!	o (lower o)
2	2	PS/2 Special Key (Scan Code $7f)	"	$	1	$	1	"	a
3	3	(Down arrow)	1	3	-	C	b	#	c
4	4	(Left arrow)	2	4	2	D	2	$	e
5	5	(Right arrow)	A	C	9	C	c	%	g
6	6	(space)	B	D	3	D	3	@	I
7	7	(Nothing)	Q	S	0	Q	d	'	k
8	8	(Nothing)	R	T	4	R	4	(	m
9	9	(Return)	a	c	+	A	e	)	p
10	0	(Return)	b	d	5	B	5	*	b
11	A	0	!	#	!	!	K	1	d
12	B	1	"	$	6	"	L	2	f
13	C	2	1	3	"	1	M	3	h
14	D	3	2	4	7	2	N	4	j
15	E	4	A	C	(Esc $1b)	A	O	5	l
16	F	5	B	D	8	B	P	6	n
17	G	6	Q	S	(Return 13)	Q	Q	7	o (lower o)
18	H	7	R	T	a	R	R	8	a
19	I	8	a	c	1	A	S	9	c
20	J	9	b	d	1	B	T	($3a)	e