

User Instructions for VIP-912-FS Series PC Keyboard Footswitch System

FEDERAL COMMUNICATIONS COMMISSION

This equipment has been tested and found to comply with the limits of a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at their own expense.

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This equipment has been tested and found to conform to the directives and standards for a Class A Information Technology Equipment type and for Commercial Light Industrial equipment class.

DESCRIPTION

The VIP-912-FS PC Keyboard Footswitch System is a PC productivity tool. It allows hands free entry of up to four selected keys by operating one or two compact single or dual action footswitches. Full operation of the keyboard is available at all times. All models include the VIP-912-BA Controller unit.

Model VIP-912-FS1 includes one single action footswitch.

Model VIP-912-FS2 includes one dual action footswitch.

Model VIP-912-FS3 includes two single action footswitches.

Model VIP-912-FS4 includes one single and one dual action footswitch.

Model VIP-912-FS5 includes two dual action footswitches.

PREPARE FOR OPERATION:

ALL CONNECTIONS SHOULD BE MADE WITH THE PC POWER OFF!!

- 1. Connect Footswitch to Controller Unit:** All footswitches are connected to the Controller Unit by plugging in its cable into either one of the two 5 pin DIN female connectors on the Controller unit. If the customer has purchased the Controller unit only and is providing their own footswitches then pins 1 and 4 must be wired to a normally open pair of contacts to provide the appropriate "FS1" or "FS3" contact closure. Again if the customer is supplying their own dual action footswitch, pins 1 and 4, and pins 2 and 3 must be wired to a normally open pair of contacts to provide the appropriate "FS1/2" or "FS3/4" contact closures.
- 2. Connect the Keyboard to Controller Unit:** Use the keyboard's captive cable to connect the keyboard to the female 5 or 6 pin DIN connectors on the Controller unit marked "KBD IN". The keyboard will be powered from the PC via the Controller unit and via the keyboard cable.
- 3. Connect Controller Unit to the PC:** Use the male-male PC keyboard extension cable supplied with the Controller unit to connect the Controller unit to the PC's keyboard port. This cable should be connected from the connector marked "TO PC KBD PORT" to the PC. The Controller unit is powered from the PC via this cable. An adapter is provided for connection to an AT style PC. The Controller unit should be connected to the PC only while the PC is powered down.



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FOOTSWITCH CODE SELECTION

The key codes produced by the footswitch are usually set at the factory as specified by the customer. It is possible to change this code to any key if your requirements change in the future.

To change key codes, open the Controller unit by removing the two recessed screws on the bottom of the unit. With the cover of the Controller unit removed, locate Bank A and Bank B on the electronics board of the Controller unit. There are four sets of jumpers on the board (one set of Bank A and Bank B jumpers for each footswitch). The position of the jumpers determines the key code for each footswitch.

Bank A	Bank B	Footswitch #
P1	P4	FS1
P3	P2	FS2
P5	P8	FS3
P7	P6	FS4

One of the jumpers should be on one of the headers marked Bank A 1-8, and the second jumper should be on one of the headers marked Bank B 1-16. The Code Table shows what connection produces which code.

ENCODING TABLE FOR VIP-912-FS PC KEYBOARD ACCESSORY FOOTSWITCH

BANK	A8	A7	A6	A5	A4	A3	A2	A1
B1	NUM 0	NUM 1	NUM 2	NUM 3	UP ARW	DN ARW	LF ARW	RT ARW
B2	NUM 4	NUM 5	NUM 6	NUM 7	ESC	L SHIFT	LF ALT	LF CTL
B3	NUM 8	NUM 9	NUM ENT	NUM .	F1	F2	F3	F4
B4	NUM +	NUM -	NUM *	NUM /	F5	F6	F7	F8
B5	a	b	C	D	k	l	m	n
B6	e	f	G	H	o	p	q	r
B7	i	j	INS	DEL	s	t	u	v
B8	HOME	END	PG UP	PG DWN	w	x	y	z
B9	F9	F10	F11	F12	,	.	/	[
B10	1	2	3	4]	`	TAB	NUM LK
B11	5	6	7	8	SCR LK	CAPS LK	-	=
B12	9	0	ENTER	BK SP	\	;	'	SP BAR
B13	WINAPP	RTWIN	LFTWIN	PRT SCR	PSE	RT SHIFT	RT CNTL	RT ALT
B14								
B15								
B16								

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