



# TOSHIBA

Toshiba G3 Application Manualline

Direction change with rx input



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# TOSHIBA G3 APPLICATION GUIDELINE 21.5

## *Direction Change with RX Input (page 1 of 2)*

### *Introduction*

Like all speed references on the G3, the RX input has an adjustable bias and gain. The RX is unique, however, in that its inputs can be positive or negative and the corresponding speeds can be positive or negative. The first example shown below will allow a motor direction change based on a positive-only speed reference (a speed pot). The second example will illustrate how to program the drive to accept an input that reverses polarity. If you do not have a motor connected, use monitor to verify direction change. Set SWITCH 1 (right of the phone jack on the control board under the keypad) to '5' or '10' as appropriate for the voltage you are applying to the RX terminal. ~~The I/V switch does not apply to the RX terminal.~~

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*Connections for positive-only reference*

ST

*Example programming for positive-only reference*

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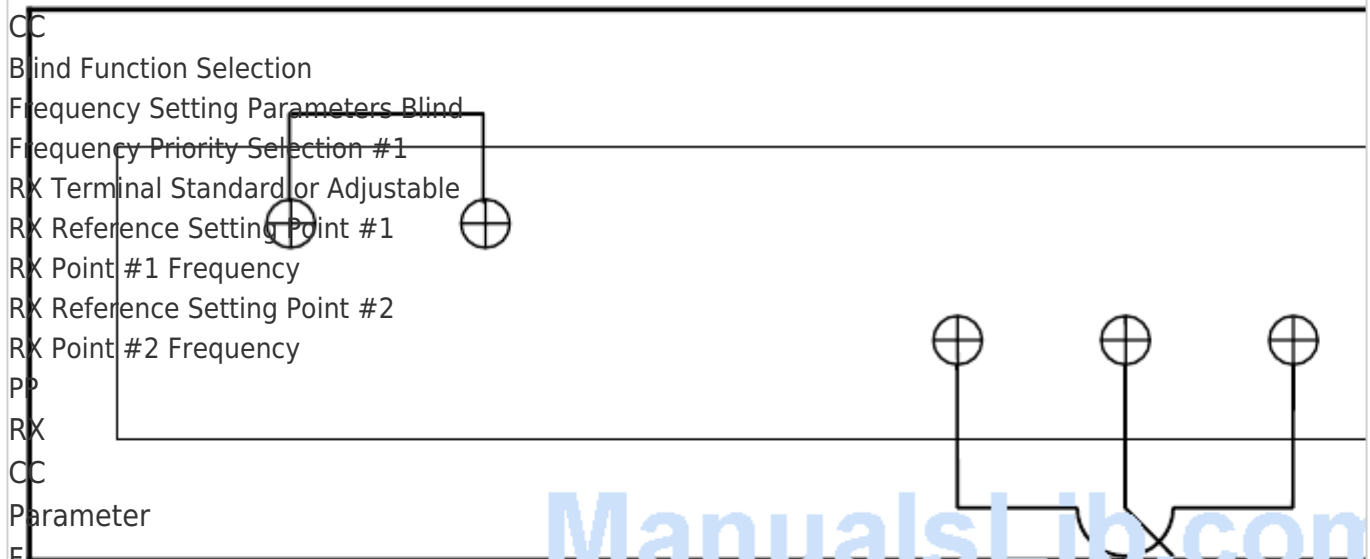
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For additional assistance, please contact Toshiba at (800) 231-1412 and ask for inverter marketing

**TERMINAL STRIP**



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CC

New Value

1	
1	
3	
1	
0 (default)	
60	
100 (default)	
-60	

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[Page 2](#) RX Point #1 Frequency FREQUENCY SETTING PARAMETERS RX Reference Setting Point #2 100 (default) FREQUENCY SETTING PARAMETERS RX Point #2 Frequency NOTE: Never connect the 'CC' terminal to ground. For additional assistance, please contact Toshiba at (800) 231-1412 and ask for inverter marketing...