

## Specifications

### **Model: FIR-Ultra**

Type	Deep Heat Device	
Application	Connects to BCX Ultra Auxiliary connector through a cord Powered by 120-240VAC 50/60Hz Household Power	
Configuration	Un-Balanced, Floating	
Energy type	Far InfraRed	
Frequency	Modes of Operation	Pulse Width Modulation Duty Cycle 1 to 100% Single Frequencies Square Drive Frequencies
	Waveform Types	Squarewave
	Range	1 to 10,000 Hz
	Resolution	1.0000 to 9.9999 Hz (0.0001 Hz) 10.000 to 99.999 Hz (0.001 Hz) 100.00 to 999.99 Hz (0.01 Hz) 1,000.0 to 9,999.9 Hz (0.1 Hz) and 10,000 Hz
	Maximum Simultaneous Modulation Frequencies	1 Individual
Programs	1236 Internal non-volatile (User re-nameable) 255 User non-volatile (Completely configurable including name)	
Sequences	80 Sequences per Program Single direct 40 Sequences per Program Mixed or Carrier direct	
Sweep	Sweep Frequencies with Upper and Lower limits Set Dwell and Direction Up, Down, or Wobble	
Chain	Chain up to 100 Programs Repeat Programs for unlimited run time	
Intensity	1 to 100%	
Timer	1 to 120 Minutes	
Shutoff	Auto Shutoff or Manual	
Power Output	150 Watts Max	

Specifications

**Model: FIR-Stand Alone**

Type	Deep Heat Device	
Application	Standalone Powered by 120-240VAC 50/60Hz Household Power	
Configuration	Un-Balanced, Floating	
Energy type	Far InfraRed	
Frequency	Modes of Operation	Pulse Width Modulation
	Waveform Type	Squarewave
	Range	1 to 10,000 Hz
	Resolution	1.0000 to 9.9999 Hz (0.0001 Hz) 10.000 to 99.999 Hz (0.001 Hz) 100.00 to 999.99 Hz (0.01 Hz) 1,000.0 to 9,999.9 Hz (0.1 Hz) and 10,000 Hz
	Maximum Simultaneous Frequencies	1 Individual
Programs	23	
Sequences	Up to 22 Sequences per program	
Intensity	6 Levels	
Timer	1/2 to 5 Hours in 1/2 Hour Increments	
Shutoff	Auto Shutoff	
Power Output	150 Watts Max	