

## FR-811 Basic / Demo Parameter settings

In this article you will find Basic / Demo parameters for the FR-811 Hot air rework station

\*\*\* NOTE \*\*\* PLEASE SET FR-811 TO TC LINK MODE

\*\*\*Please note that the first (3) Demo Parameters are general guidelines for reference , Actual settings will defer Depending on " Nozzle being used , type of solder , and location of T/C " .

LIGHT DEMO PARAMETERS ARE AS FOLLOWS :

TIMER : OPENED

<u>ZONE</u>	<u>RAMP</u>	<u>TEMP</u>	<u>TIMER</u>	<u>AIR</u>	<u>VACUUM</u>	
<b>ZONE1</b> :	ON	3'C/S	120'C	30S	30%	OFF
<b>ZONE2</b> :	ON	3'C/S	180'C	30S	30%	OFF
<b>ZONE3</b> :	ON	3'C/S	260'C	10S	30%	OFF
<b>ZONE4</b> :	OFF	--'C/S	400'C	30S	50%	OFF
<b>ZONE5</b> :	OFF	--'C/S	500'C	30S	50%	OFF
<b>ZONE6</b> :	OFF	--'C/S	600'C	30S	50%	OFF

**BOTTOM : MODE**

POWER

**PREZONE :**

<u>ZONE</u>	<u>RAMP</u>	<u>TEMP</u>	<u>POWER</u>	<u>TIMER</u>
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OFF --'C/S 150'C 50% 150S

MEDIUM DEMO PARAMETERS ARE AS FOLLOWS :

TIMER : OPENED

	<b>ZONE</b>	<b>RAMP</b>	<b>TEMP</b>	<b>TIMER</b>	<b>AIR</b>	<b>VACUUM</b>
<b>ZONE1</b> :	ON	3'C/S	120'C	40S	40%	OFF
<b>ZONE2</b> :	ON	3'C/S	160'C	50S	40%	OFF
<b>ZONE3</b> :	ON	3'C/S	200'C	30S	40%	OFF
<b>ZONE4</b> :	ON	3'C/S	260'C	15S	40%	OFF
<b>ZONE5</b> :	OFF	--'C/S	500'C	10S	50%	OFF
<b>ZONE6</b> :	OFF	--'C/S	600'C	10S	50%	OFF

**BOTTOM : MODE**

POWER

**PREZONE :**

	<b>ZONE</b>	<b>RAMP</b>	<b>TEMP</b>	<b>POWER</b>
<b>TIMER</b>				

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OFF      --'C/S      150'C      50%      150S

HEAVY DEMO PARAMETERS ARE AS FOLLOWS :

TIMER : OPENED

	<b>ZONE</b>	<b>RAMP</b>	<b>TEMP</b>	<b>TIMER</b>	<b>AIR</b>	<b>VACUUM</b>
<b>ZONE1</b> :	ON	3'C/S	120'C	40S	50%	OFF
<b>ZONE2</b> :	ON	3'C/S	160'C	50S	50%	OFF
<b>ZONE3</b> :	ON	3'C/S	190'C	30S	50%	OFF
<b>ZONE4</b> :	ON	3'C/S	200'C	30S	50%	OFF
<b>ZONE5</b> :	ON	3'C/S	260'C	15S	50%	OFF
<b>ZONE6</b> :	OFF	--'C/S	600'C	10S	50%	OFF

**BOTTOM : MODE**

TC

**PREZONE :**

	<b>ZONE</b>	<b>RAMP</b>	<b>TEMP</b>	<b>POWER</b>
<b>TIMER</b>				

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ON      --'C/S      130'C      50%      150S

\*\*\* The following Install / Remove Demo's are performed with a standard N51 BGA type nozzle .

999-133 INSTALL DEMO PARAMETERS ARE AS FOLLOWS :

TIMER : OPENED

	<b>ZONE</b>	<b>RAMP</b>	<b>TEMP</b>	<b>TIMER</b>	<b>AIR</b>	<b>VACUUM</b>
<b>ZONE1</b> :	ON	3'C/S	170'C	40S	50%	OFF
<b>ZONE2</b> :	ON	3'C/S	210'C	50S	50%	OFF
<b>ZONE3</b> :	ON	3'C/S	230'C	30S	50%	OFF
<b>ZONE4</b> :	ON	3'C/S	270'C	15S	50%	OFF
<b>ZONE5</b> :	OFF	--'C/S	500'C	10S	50%	OFF
<b>ZONE6</b> :	OFF	--'C/S	600'C	10S	50%	OFF

**BOTTOM : MODE**

POWER

**PREZONE :**

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<b>TIMER</b>	<b>ZONE</b>	<b>RAMP</b>	<b>TEMP</b>	<b>POWER</b>
OFF	--'C/S	150'C	50%	150S

999-133 REMOVAL DEMO PARAMETERS ARE AS FOLLOWS :

TIMER : OPENED

	<b>ZONE</b>	<b>RAMP</b>	<b>TEMP</b>	<b>TIMER</b>	<b>AIR</b>	<b>VACUUM</b>
<b>ZONE1</b> :	ON	3'C/S	120'C	40S	40%	ON
<b>ZONE2</b> :	ON	3'C/S	160'C	50S	40%	ON
<b>ZONE3</b> :	ON	3'C/S	190'C	30S	40%	ON
<b>ZONE4</b> :	ON	3'C/S	200'C	15S	40%	ON
<b>ZONE5</b> :	OFF	--'C/S	260'C	10S	50%	OFF
<b>ZONE6</b> :	OFF	--'C/S	600'C	10S	50%	OFF

**BOTTOM : MODE**

POWER

**PREZONE :**

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OFF      --'C/S      150'C      50%      150S

HakkoUSA Knowledge Base

<https://kb.hakkousa.com/Knowledgebase/11851/FR811-Basic-Demo-Parameter-sett...>