

Low-Level Programming

Because we use the same spa pack on the lowest configuration spa as we do on the most loaded up spa, Low-Level Programming is how we tell the spa pack what features are installed.



Access Low-Level Programming by pushing and holding the filter key (pump 5 on an Epic) until “LLP” shows up on the topside (about 10 seconds) then let go. Press the filter key to scroll forward through the menu, pump 3 to go backwards, and use the up/down arrows to change the value. The functionality is as follows:



Pn – Pump Number:

Pn – 1 = 1 pump installed
Pn – 2 = 2 pump installed
Pn – 3 = 3 pump installed
Pn – 5 = 5 pump installed



bL – Blowers:

bL – 0 = No Blowers installed*
bL – 1 = 1 Blower Installed (Superjet or Therapy Air)
bL – 2 = 2 Blowers installed (both SJ and TA installed)
**If the number of pumps is set to 5, this will automatically be zero and cannot be changed.*



O3 – Ozone:

O3 – 0 = No ozone system installed
O3 – 1 = Peak I system installed
O3 – 2 = Peak II system installed



On – Onzen

On – 0 = No Onzen installed
On – 1 = Onzen is installed



FS – Filter Suspend

FS – 0 = Filter will not suspend if the temperature is over the set-point
FS – 1 = Filter will suspend if the temperature is more than 2oF above the set-point



IP – Internet Protocol*

IP-St = Set the spa’s IP address to 169.254.3.3
IP-dy = Set the spa’s IP address to be assigned dynamically by the router
**Power must be cycled to the spa if this setting is changed*

Low-Level Programming *Continued*



.XXX = Last octet of the spa's IP address*

*This is only displayed if the spa is assigned its IP dynamically or if the spa is logged into the home router



bS – Breaker Setting

bS – 16 = Power is managed assuming there is a 16 amp power supply to the spa
bS – 20 = Power is managed assuming there is a 20 amp power supply to the spa
bS – 25 = Power is managed assuming there is a 25 amp power supply to the spa
bS – 32 = Power is managed assuming there is a 32 amp power supply to the spa
bS – 40 = Power is managed assuming there is a 40 amp power supply to the spa
bS – 50 = Power is managed assuming there is a 50 amp power supply to the spa
bS – 60 = Power is managed assuming there is a 60 amp power supply to the spa



FL – Flash Lights

FL – 0 = Lights will not flash if there is an error
FL – 1 = Lights flash if there is an error



FG – Fogger

FG – 0 = No Fogger is installed - power is sent to the stereo relay for 2 hours when any button is pressed (for all 2013 and older spas)

FG – 1 = Fogger is installed - power is sent to the "fogger" relay when the light key is pressed for 2 seconds.