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sense and simplicity

G3 Training Module

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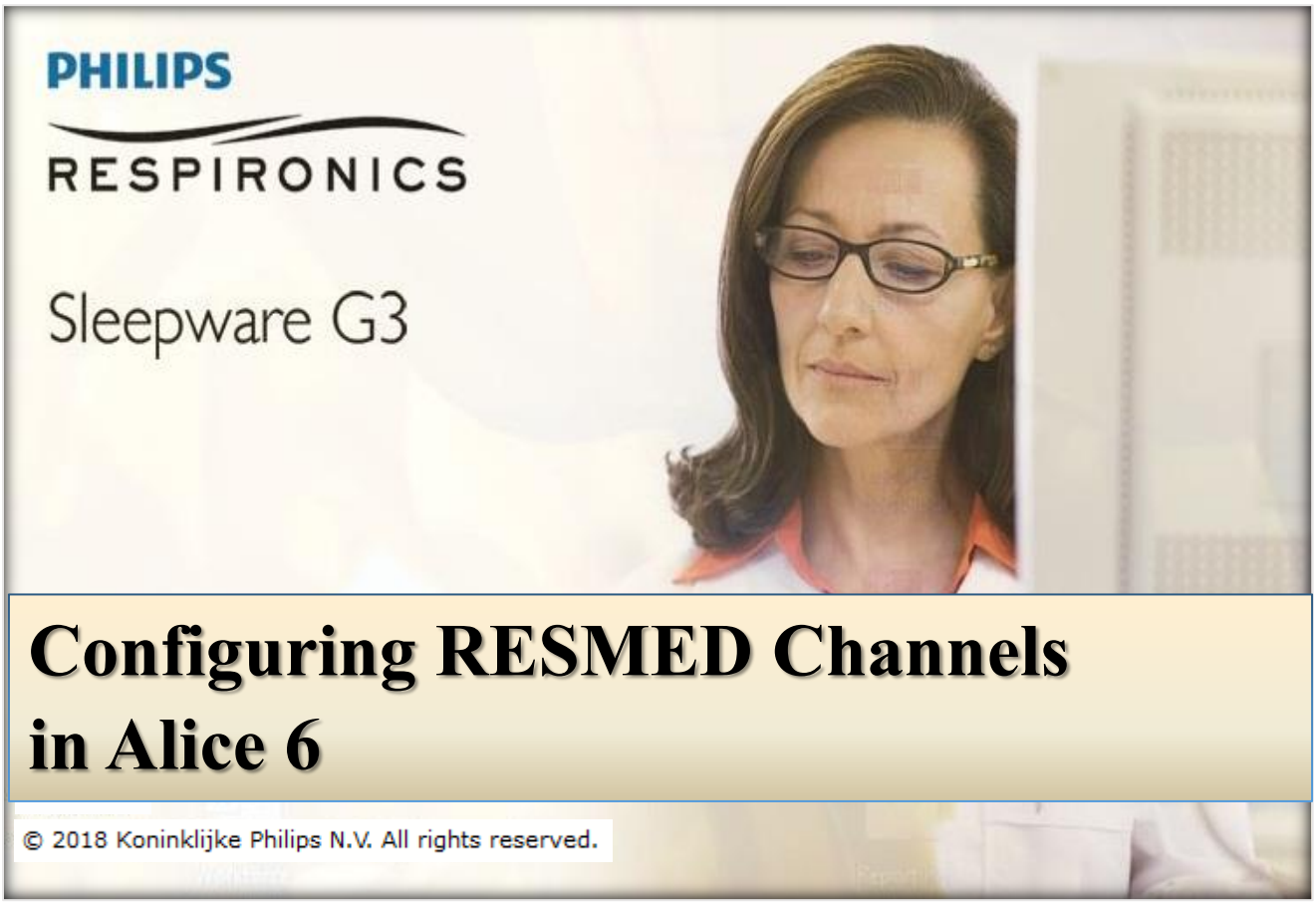
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RESPIRONICS
Sleepware G3
Configuring RESMED Channels in Alice 6
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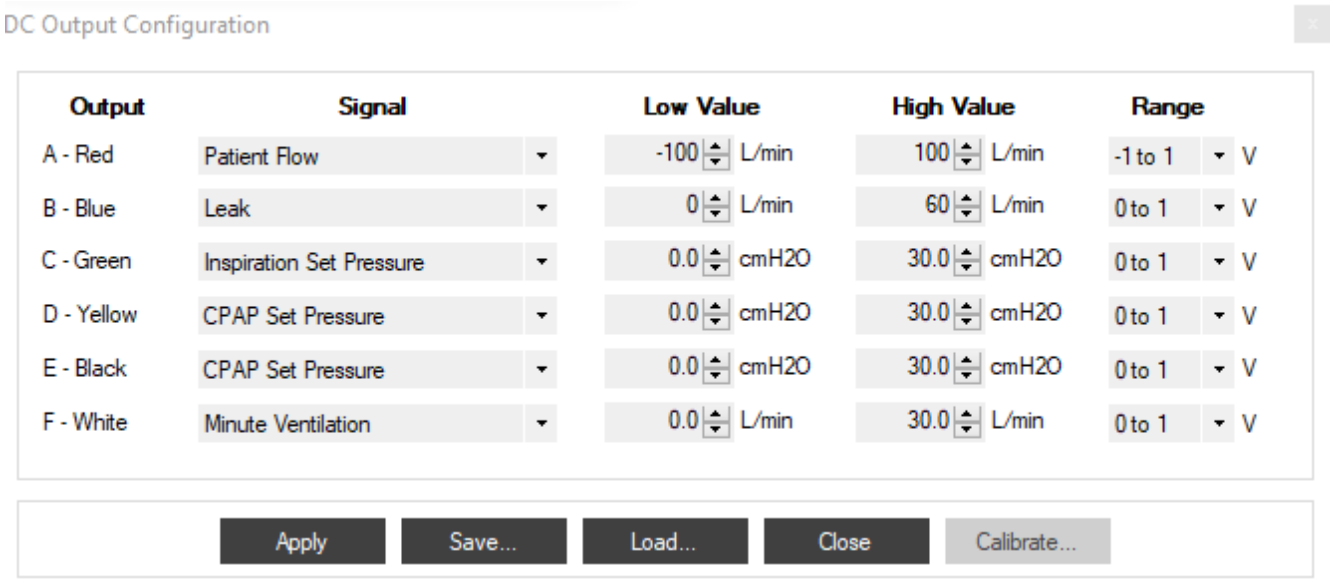
Configuring Resmed Channels for Alice 6 – using dual cables from the TX link

1. Open up Resmed Easy Care TX program, and click on MENU dropdown. If it shows 'not connected', click on drop down, choose room, choose connect. Then click on menu and choose DC output configuration.
2. The DC Ouput configuration is user configurable; the user can set up each channel as they prefer. Please note that these instructions follow the standard set up by the Resmed installer.
3. Make note of each channel's output color, signal type, low and high value, and voltage range. Keep this onscreen or write it down.
4. In the bedroom, note the cables plugged into the tx link. If the lab is using dual cables, then you should see cables in all 6 inputs. The cable from red/blue on the tx link would be connected to Aux 1-2 on the back of the base. The cable from green/yellow would be connected to Aux 3-4. The cable from black/white would be connected to Aux 5-6.
5. Please note that IPAP, EPAP and CPAP channel low value is 0 cmH2O, and high value is 30 cm H2O. Leak low value is 0 L/min, and high value is 60 L/min. Voltage range for IPAP, EPAP CPAP and Leak is 0-1 V. Patient flow (or CFLOW channel) channel can be changed to -120 to 120 under value.



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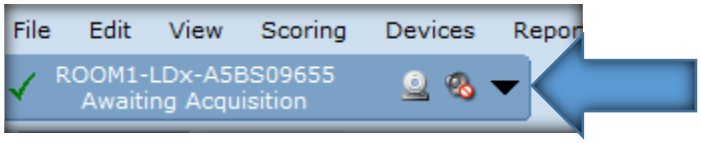
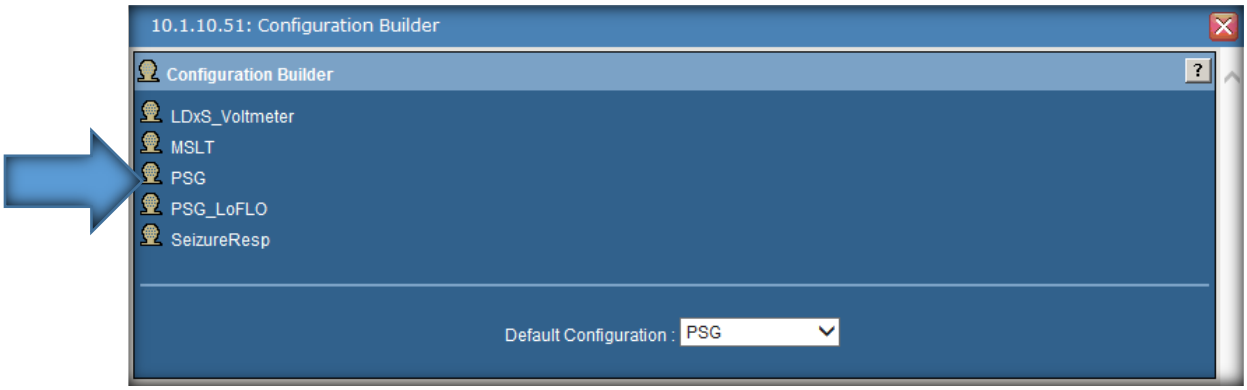
Open up G3 software and click on base button dropdown.



Choose configuration builder, and click on **PSG** configuration file.



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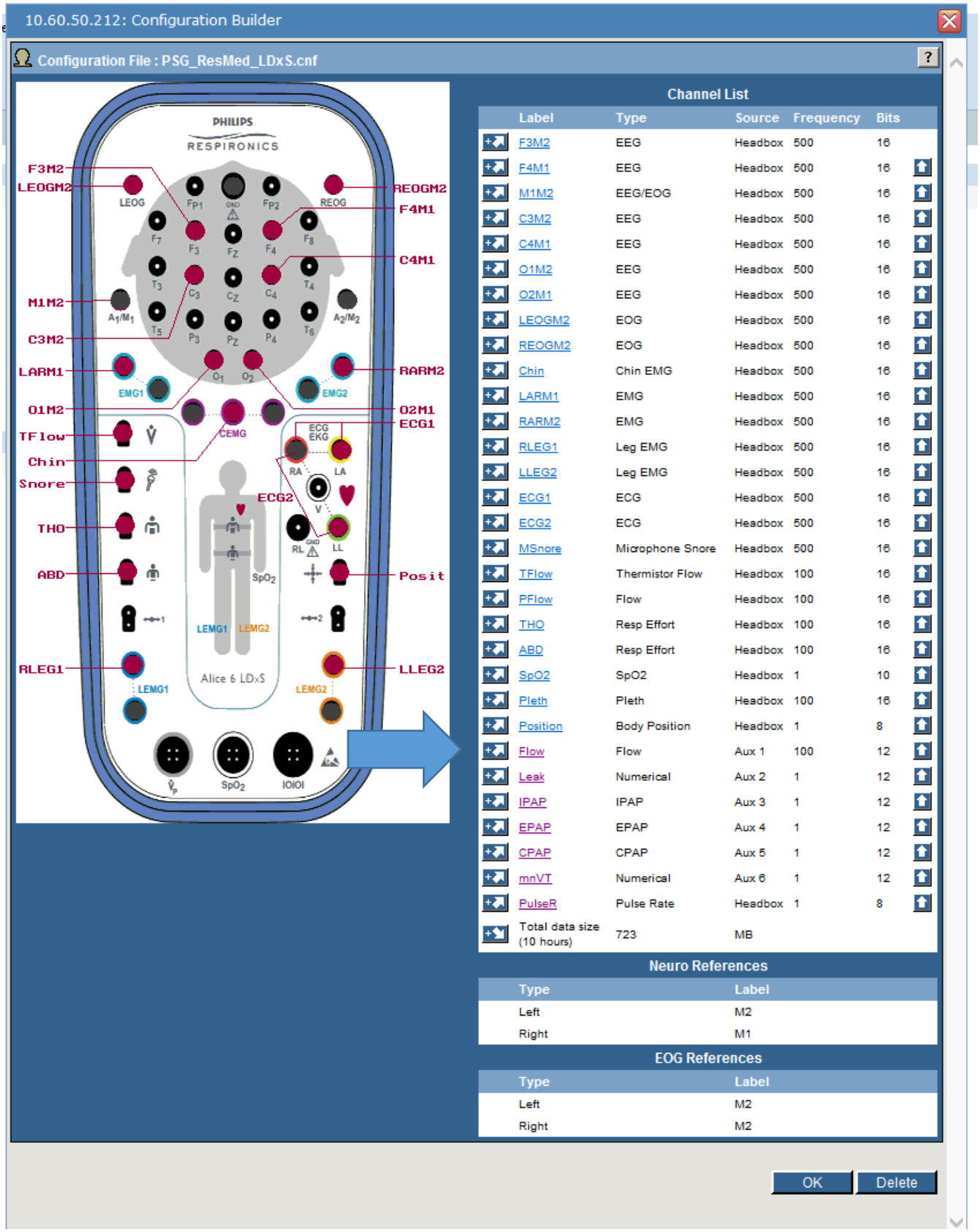
The file will open, and you will add channels to the configuration by clicking on an arrow to the left of channel area.



** Note*: Screenshot is from the Online HELP file in Sleepware G3.

** Disclaimer*: Screenshots may change based on software version.

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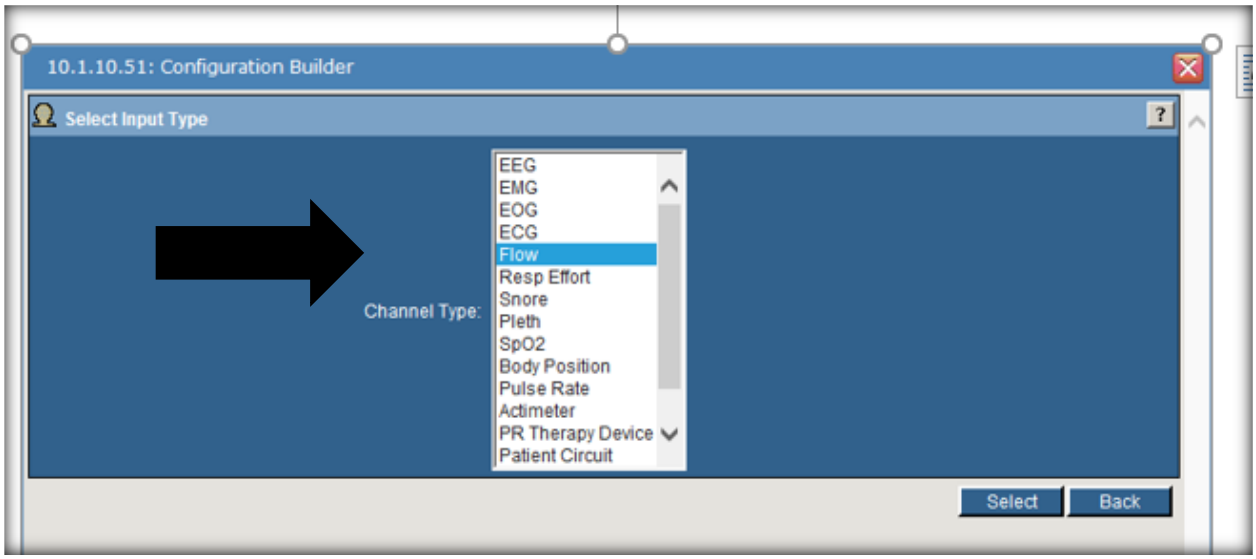
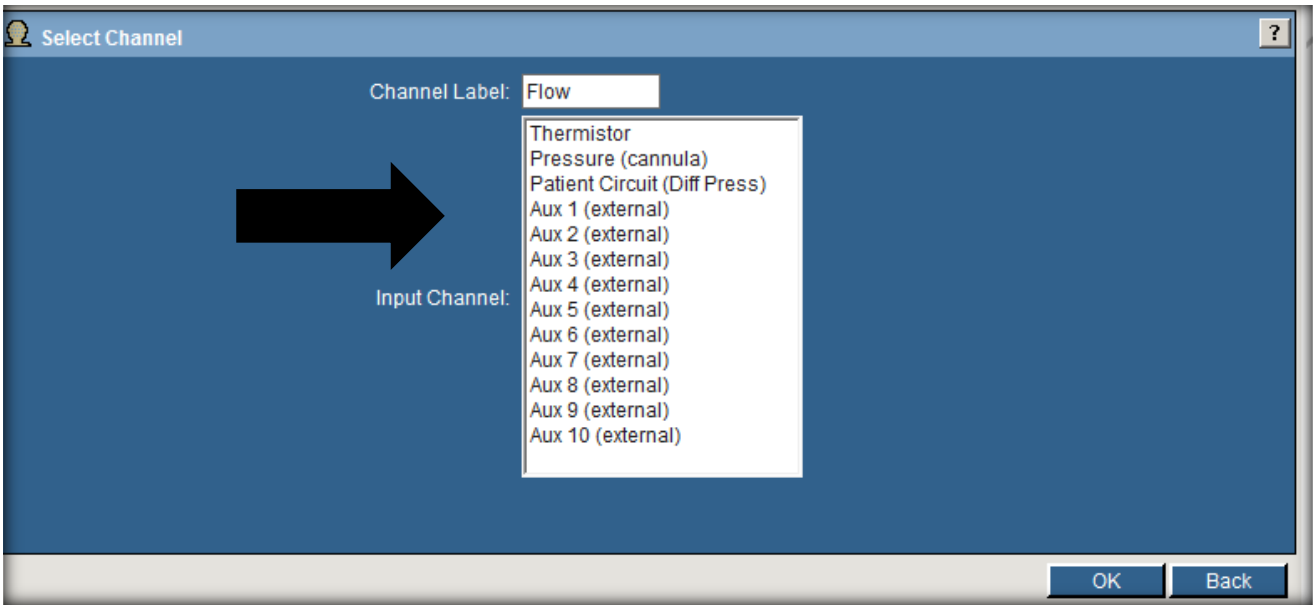
We will build channels as they are listed in the Tx link DC output configuration, as well as the configuration builder screenshot on the previous page.

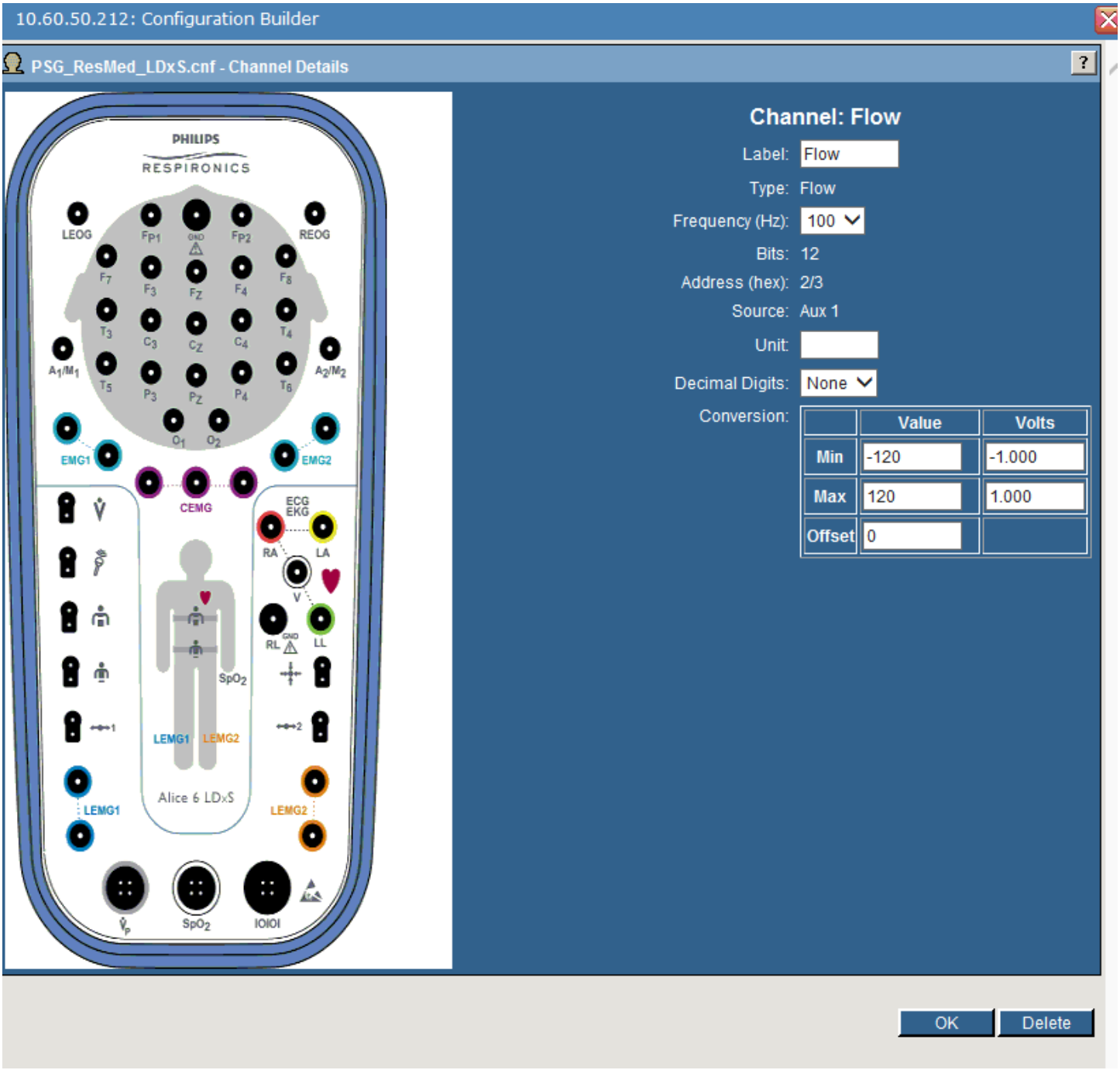
Cflow channel configuration-
Choose FLOW as the channel type.



Note that the channel label requires a name; for CPAP Flow, name it "CFLOW". **Choose Aux input 1**



Cflow channel configuration example-
Note the min/max value is -120 to 120.



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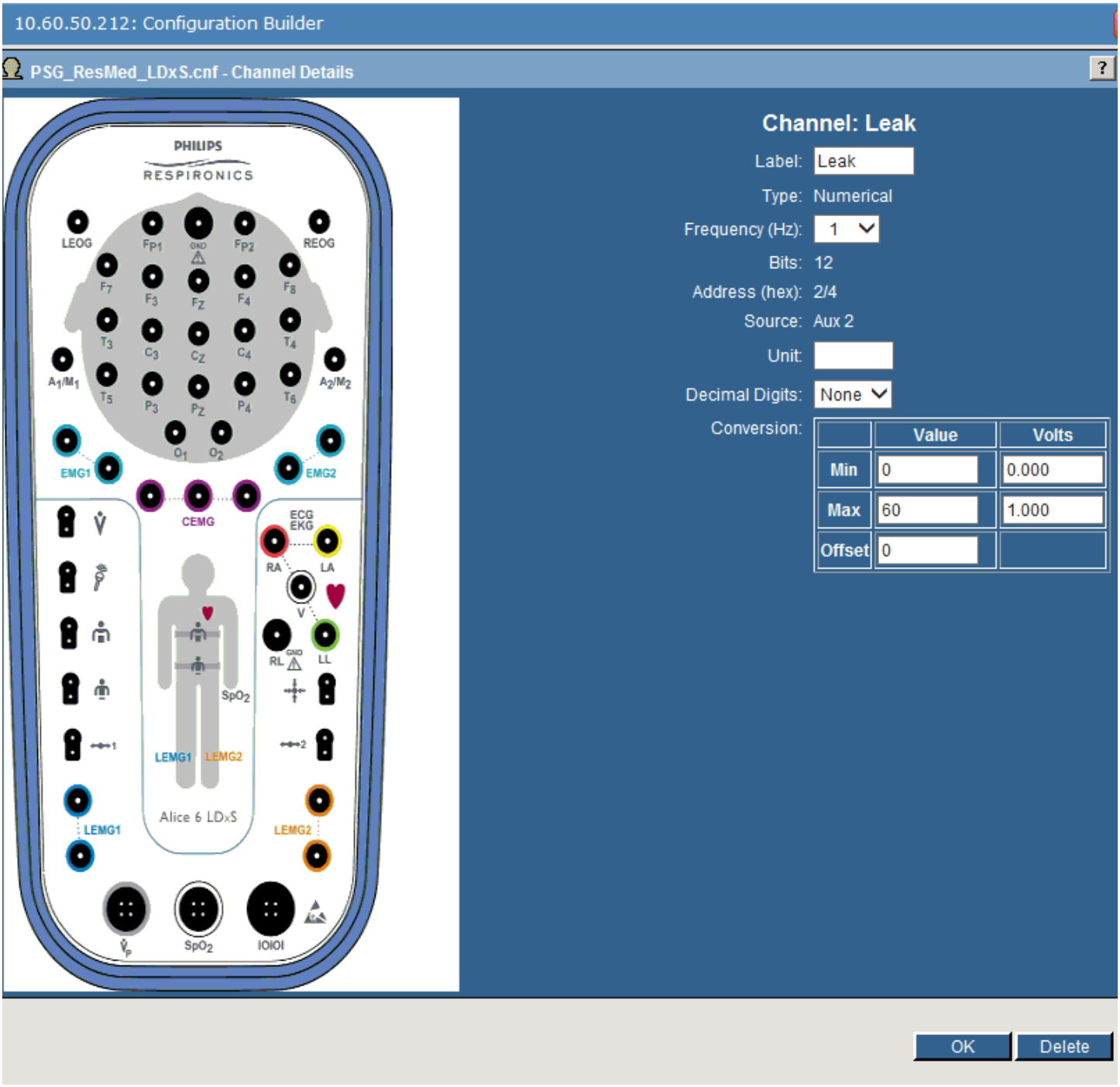
Leak channel configuration example-
Choose **Aux input, Numerical channel type, and choose Aux input 2.** Note min max value and voltage ranges**.**



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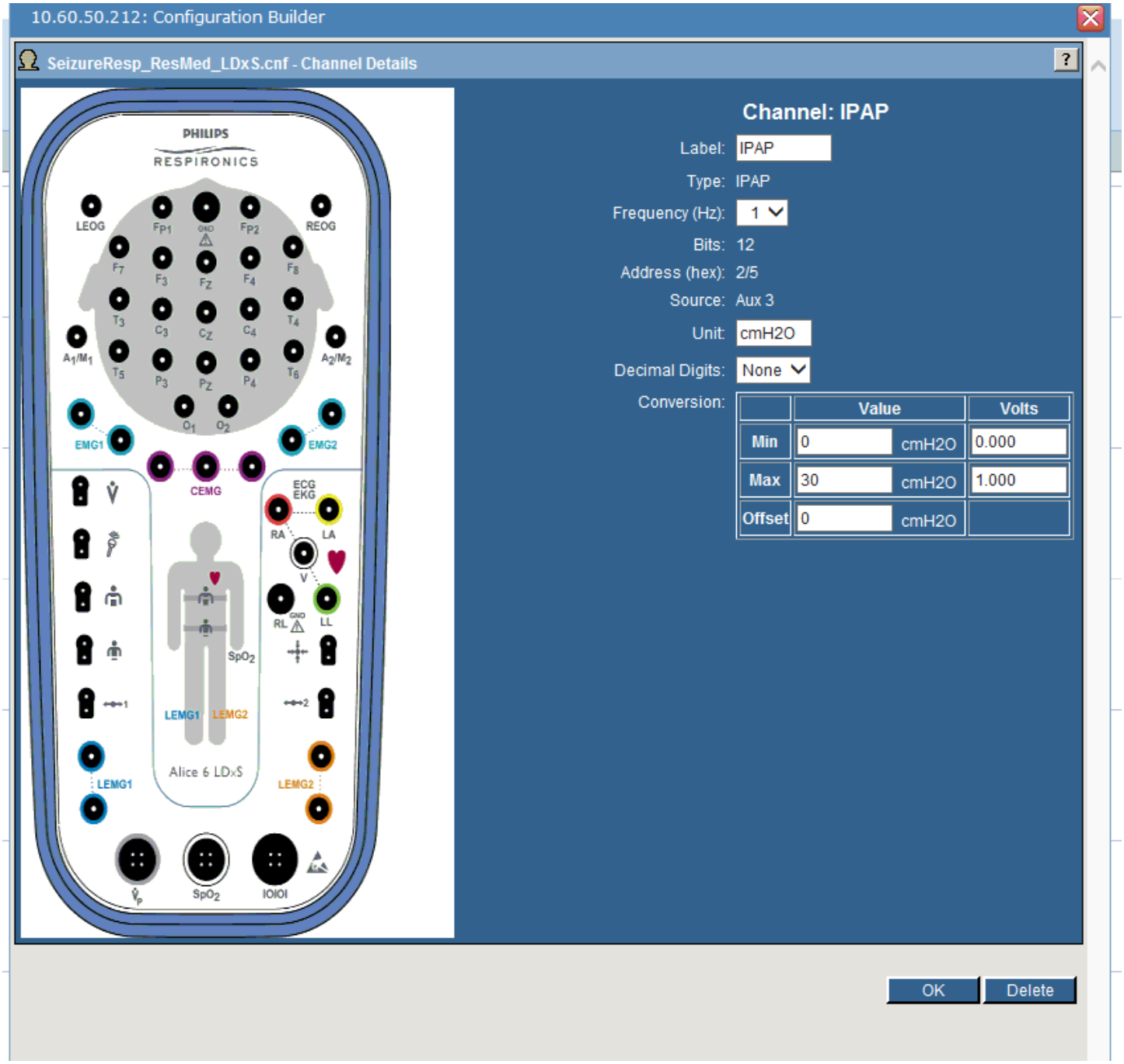
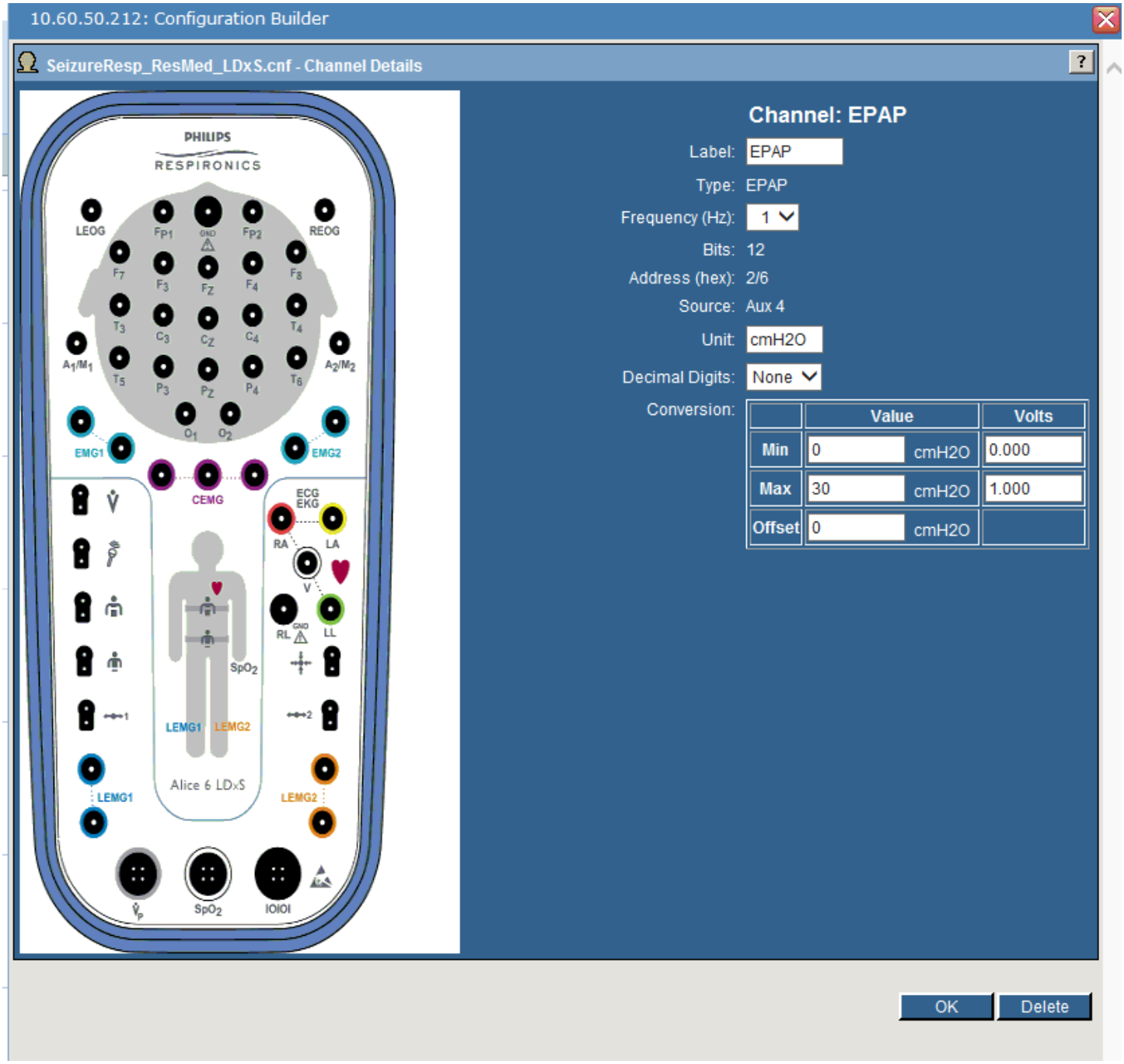
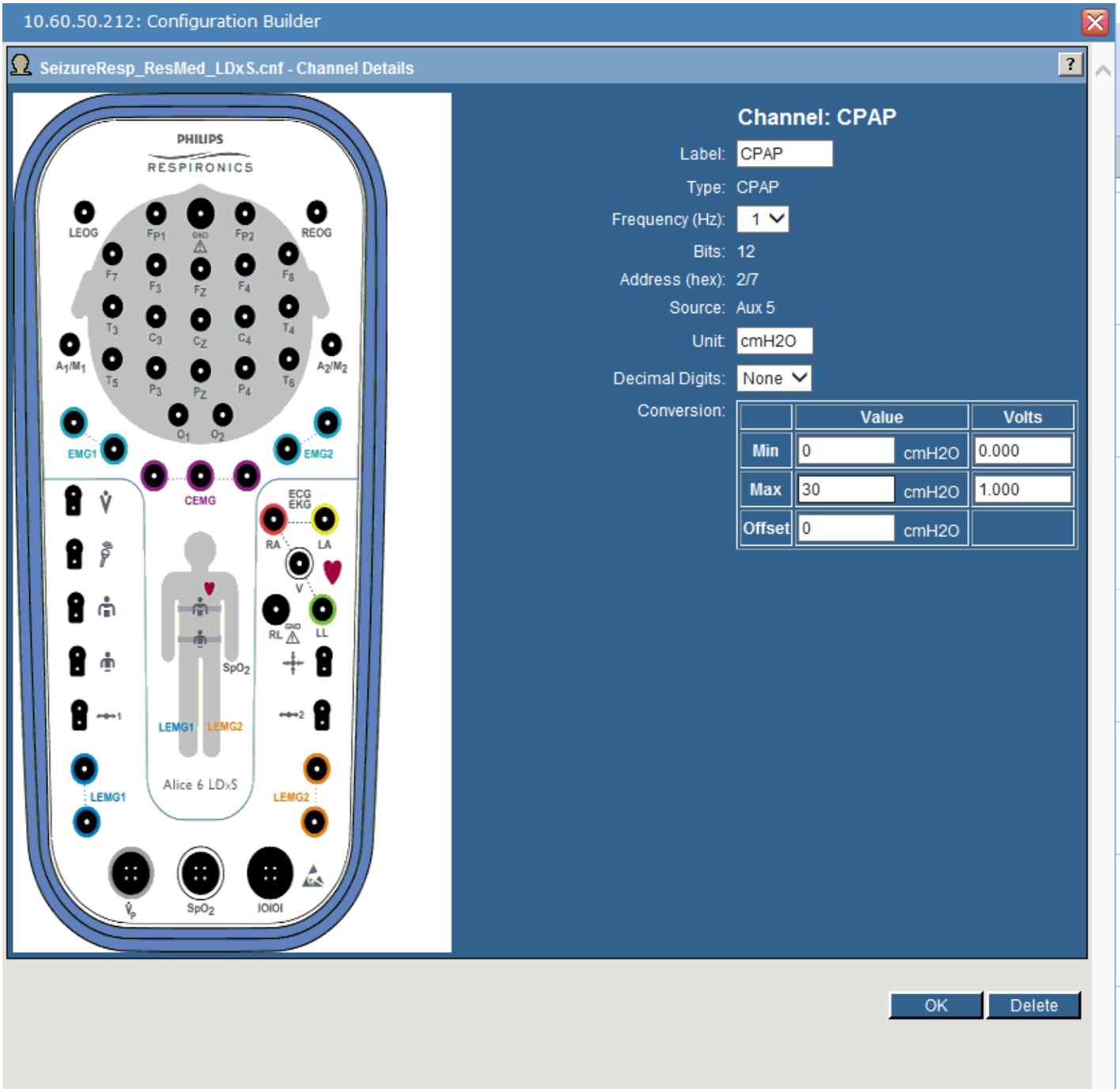
IPAP channel configuration example-
Choose **Aux input, IPAP channel type, and then choose Aux input 3.** Note the min/max value and voltage ranges.



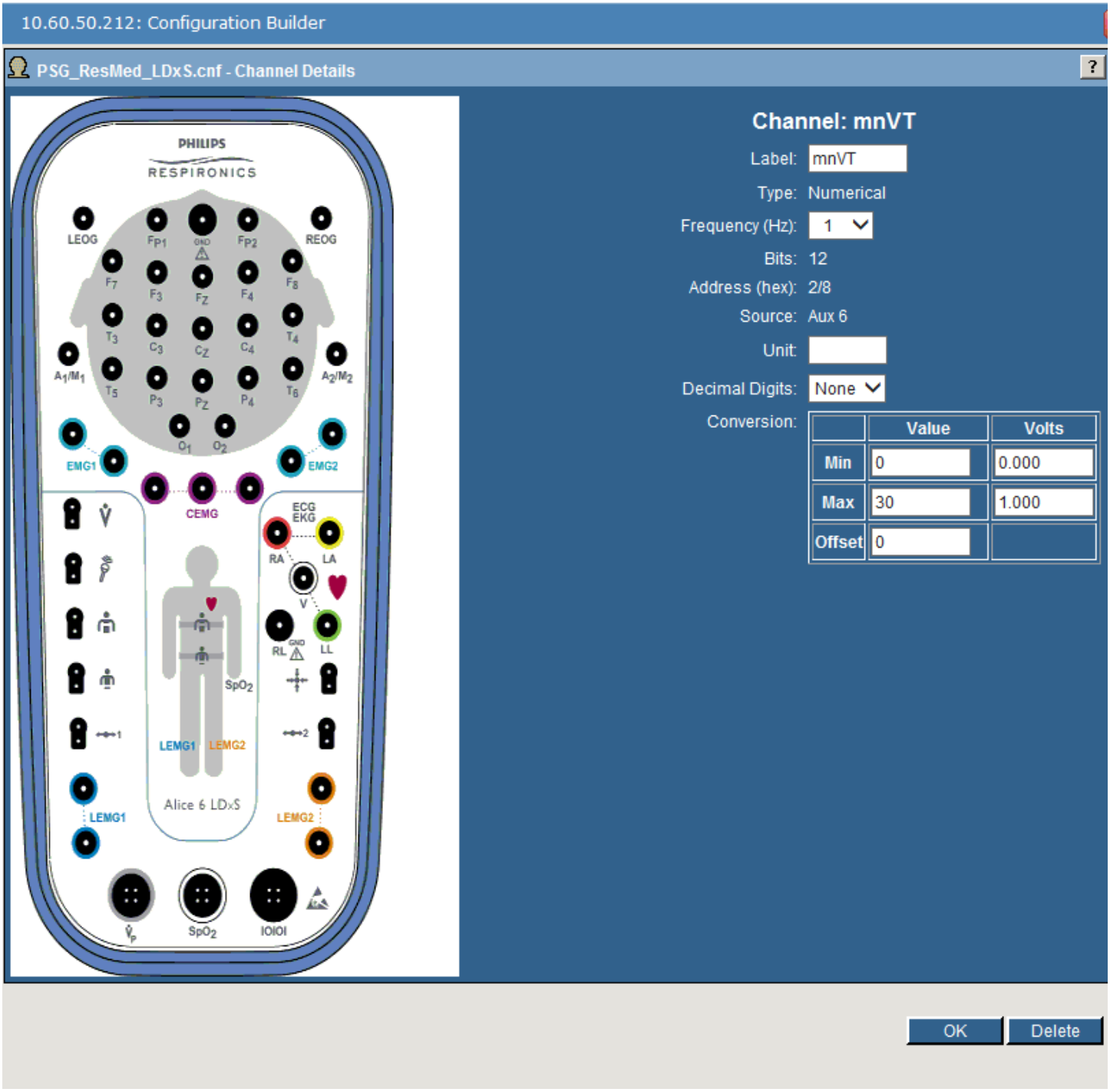
EPAP channel configuration example-
Choose **Aux input, EPAP channel type, and Aux input 4**. Note min/max value and voltage ranges shown below.



CPAP channel configuration example-
Choose **Aux input, CPAP channel type, and Aux input 5.** Note value and voltage ranges listed below.



Minute ventilation channel configuration example (if desired)-
Choose **Aux input, Numerical channel type, and Aux input 6**. Note min/max value and voltage ranges listed below.



Last, we will change the name of the configuration.

Save the edited configuration file to the pc desktop, using “store to pc”. The user will choose the file to be saved, and then click Save in “File Download,” choose the location to save it to in “Save As” (saving to the desktop is convenient), and click Save. Once the file is saved to the desktop with the default configuration name, a user can right click on the file in Windows Explorer, choose rename, and save the configuration as PSG_RESMED. After the configuration is renamed, open the configuration builder, and save the newly named configuration back onto the basestation, using “load from pc”. The user will choose browse, and then find the newly renamed configuration file to save, click Open and then OK and again OK. Once saved back into the configuration list on the base, the original can be deleted from the configuration builder by selecting it and then clicking Delete and Yes.

To check functionality, start a study and turn on Resmed unit, to verify that all channels are working and calibrated correctly.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