

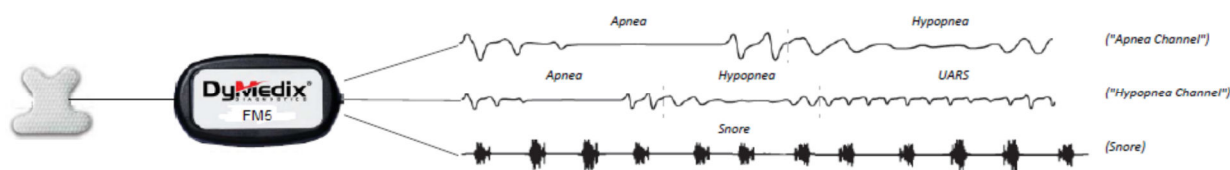
USE OF DYMEDIX TRIPLEPLAY AIRFLOW SENSORS WITH SomnoStar PSG

OBJECTIVE:

- Replace the existing airflow (thermistor) signal with the Dymedix “Apnea” output of the Dymedix FM Filtration Module.
- Replace the existing PFlow (nasal pressure) signal with the Dymedix “Hypopnea” output of the Dymedix FM Filtration Module.
- Replace the existing snore (snore microphone) signal with the Dymedix “Snore” output of the Dymedix FM Filtration Module.

SETUP INSTRUCTIONS:

- The following instructions relate to the use of the Dymedix FM3, FM4 and FM5 filtration modules.



Example of the Dymedix FM5 functionality and resulting waveforms

No montage modifications are required to interface the Dymedix FM Filtration Module with the SomnoStar PSG machine.

1. Plug the FM “Apnea” output leads into the same head box inputs currently used for a conventional thermistor (apnea scoring channel).
2. Plug the FM “Hypopnea” output leads into the same head box inputs currently used for a nasal pressure cannula (hypopnea scoring channel).
3. Plug the FM “Snore” output leads into the same head box inputs currently used for a snoring microphone or transducer.

A minor adjustment to the amplifier sensitivity or gain may be required to obtain acceptable waveform amplitude.