

# PHILIPS

## BiPAP A40 Pro

### Provider transitioning guide

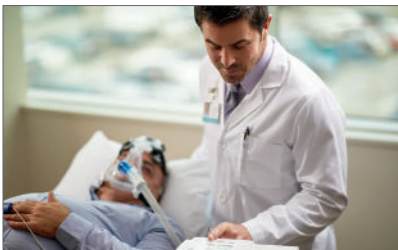


# Transitioning your patients to the BiPAP A40 Pro

The Philips Respironics BiPAP A40 Pro platform offers the same high-performing portable ventilator solution that your patients are used to – containing the clinically proven therapies and algorithms of its predecessor plus capabilities.

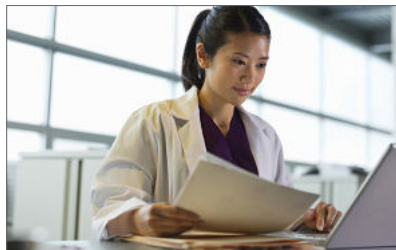


## Key platform benefits



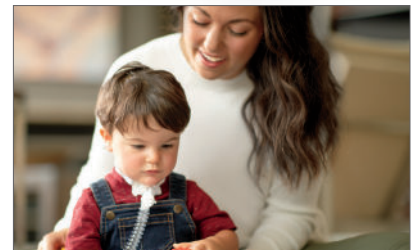
### Quick set up and reliable therapy

The BiPAP A40 Pro is designed to reduce patient setup times, including the visual leak feature, integrated low flow O<sub>2</sub> connection, and automated airway management (AAM).



### Connected care

The BiPAP A40 Pro is compatible with Philips sleep diagnostic systems, as well as with Philips Respironics Care Orchestrator, so you can coordinate care and resolve patient concerns remotely.



### Enhanced mobility and flexibility

The BiPAP A40 Pro can be powered with two battery options to enhance mobility and flexibility:

- Detachable battery\* (up to 10.5 hours\*\*)
- Li-ion respiratory battery\* (up to 8 hours battery life\*\*)

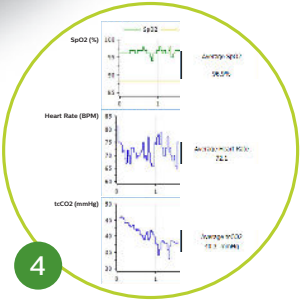
\* Additional accessories required.

\*\* Battery life time will vary based on the device settings, ventilation mode and patient prescribed pressures

# The BiPAP A40 Pro



<b>Green</b>	Acceptable leak
<b>Yellow</b>	Large leak
<b>Amber</b>	Excessive Leak or Low Leak



## What's new

- 1 Integrated low flow O<sub>2</sub>** – The dedicated O<sub>2</sub> port can deliver up to 15 l/min of supplemental O<sub>2</sub>.\*
- 2 Visual leak management** – Coloured visual indicator of the patient's total circuit leak value to better understand and manage leaks for more comfortable and consistent therapy.
- 3 Automated airway management (AAM)** – New clinically proven technology that automatically and dynamically adjusts EPAP within preset range to maintain patient's upper airway patency in any noninvasive ventilation mode (S, S/T, T, PC).
- 4 Transcutaneous CO<sub>2</sub> monitoring** – Integrated TcCO<sub>2</sub> facilitates a comprehensive monitoring solution to see patient trends and effectiveness of ventilation. SpO<sub>2</sub> (%), Heart Rate (BPM), TcCO<sub>2</sub> (mmHg) can be seen in Care Orchestrator reports. When all received data is valid, the on-screen heart icon toggles between white and green.\*
- 5 SpO<sub>2</sub> Alarm** – Simplifies oxygen saturation monitoring for supplemental O<sub>2</sub> patients.\*

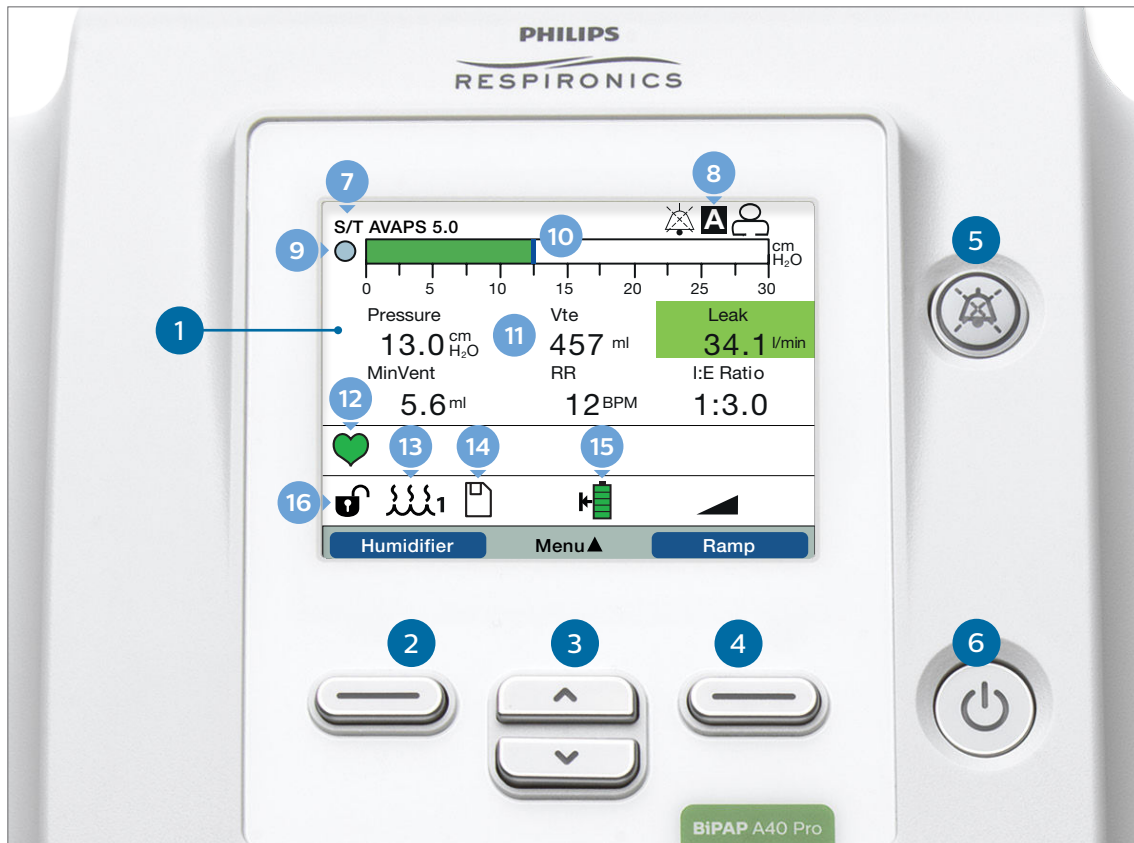
## What's still available

- 6 Ventilation technology** – The BiPAP A40 Pro treats patients suffering from respiratory insufficiency using the same clinically proven technologies as its predecessor – AVAPS, AVAPS-AE and Auto-Trak.
- 7 Oximetry module** – Facilitates improved patient safety thanks to the monitoring of patient SpO<sub>2</sub> and heart rate on the device screen.
- 8 Component compatibility** – The battery module\* and humidifier\*\* from your previous device are compatible with the new BiPAP A40 Pro.

\* Additional accessories required.

\*\* Due to voltage changes 1st generation A-series humidifiers do not work with the BiPAP A40 Pro. Please also note that the BiPAP A40 Pro humidifier and battery module colours are slightly different to previous models.

# The BiPAP A40 Pro interface



## The device buttons

- 1 **Display screen**
- 2 **Perform action specified on screen**  
(humidifier setting, cancel action, or exit menu)
- 3 **Navigate menus or change settings**
- 4 **Perform action specified on screen**  
(activate ramp, select/modify/confirm parameters)
- 5 **Alarm Indicator/Audio Pause button**
- 6 **Start/Stop button**

## Screen indicators

- 7 **Mode of ventilation** -  
Flex or AVAPS displayed if enabled with setting value
- 8 **Alarm status indicators**  
(Audio pause, Apnea and Circuit Disconnect)
- 9 **Breath indicator**
- 10 **Pressure bar graph**
- 11 **Real-time monitored values**  
when detailed view ON (Options settings)
- 12 **Oximetry or TcCO<sub>2</sub> connected**  
Oximetry connection will also provide both heart rate and SpO<sub>2</sub> on screen
- 13 **Humidifier connected,**  
setting 1
- 14 **SD card inserted**
- 15 **Detachable battery connected and in use**
- 16 **Device unlocked**


## Symbols and icons

Apnea alarm enabled	
Audio pause is active	
Circuit disconnect alarm enabled	
SD Card error (bad memory card inserted)	
Detachable battery is 80% capacity	
Detachable battery is 20% capacity	
Detachable battery is nearly depleted	
Detachable battery is being charged	
Heart rate	<b>HR</b>
Oxygen saturation	<b>SpO<sub>2</sub></b>
Full Menu Access Mode (provider mode)	
FLEX enabled, FLEX setting (eg. 1)	FLEX: 1
AVAPS enabled, AVAPS setting (eg. 1)	AVAPS: 1
Humidifier connected, Humidifier setting (eg. 1)	
Humidifier active, Humidifier setting (eg. 1)	
Bad humidifier state (flashing symbol displays)	
Heated tube connected, Tube Temperature setting (eg. 1)	
Heated tube active, Tube Temperature setting (eg. 1)	
Bad heated tube state (flashing symbol displays)	
Ramp activated	
Oximetry or TcCO <sub>2</sub> monitoring connected	

# Using the BiPAP A40 Pro

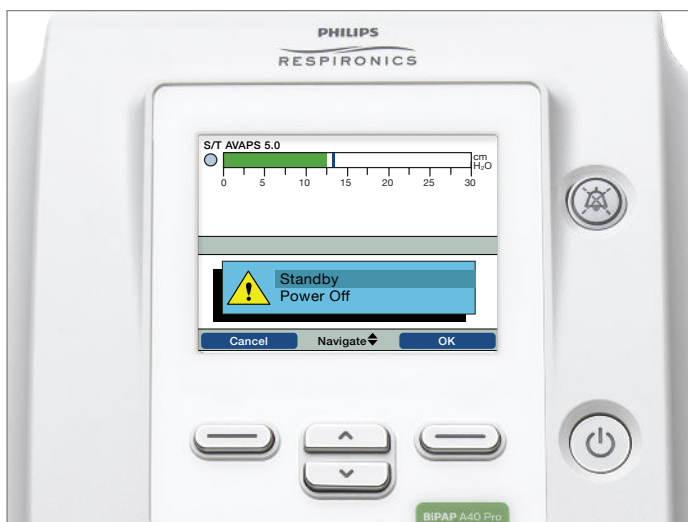
## Starting therapy




- 1 Connect the device to AC or DC power source, or use detachable battery module
- 2 Press  to switch on the device
- 3 Select **Therapy** to start the treatment

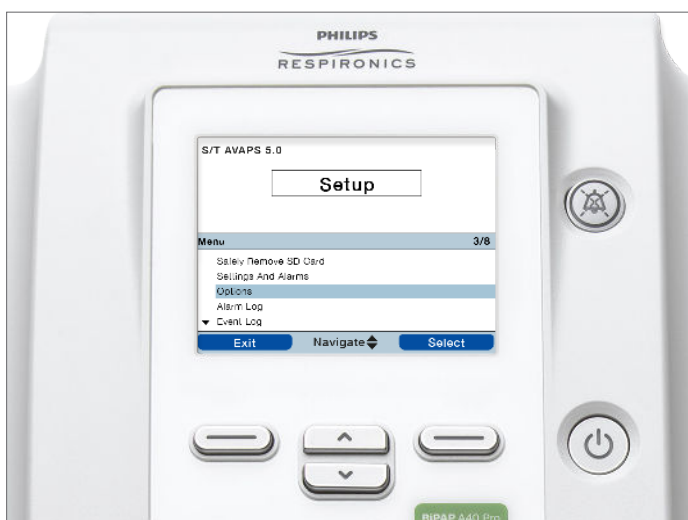




## Stopping therapy



- 1 Press 
- 2 Select Standby to stop therapy
- 3 Press **OK** to confirm

## How to unlock



- 1 Press and hold  and  simultaneously for a few seconds to access Setup page
- 2 Scroll down and select 'Options', then press **Select**
- 3 Modify 'Menu access' from 'Limited' to 'Full'
- 4 Press **OK** to validate
- 5 Press **Finish** then **Exit** to come back to the main screen

When  appears on the main screen, the device is unlocked

## Select ventilation mode

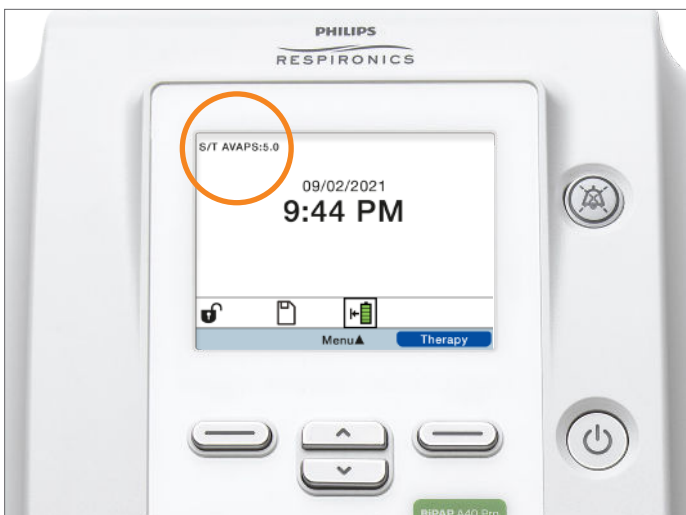
Follow the instructions below to set up the prescription for your patients before locking the screen and providing them with the device. Use the navigation buttons to scroll through the menu and the left and right buttons to perform the actions specified above each button on the screen.



- 1 Press **↑** to access the device menu
- 2 Navigate to 'Settings and Alarms' and then press **Select**
- 3 Highlight the 'Mode' option then press **Modify**
- 4 Use up/down buttons to select the mode
- 5 Press **OK** once you have found the mode you wish to use
- 6 Press **Finish** to exit to the menu



- 7 You'll be prompted by a confirmation box, press **Yes** to change the mode
- 8 Press **Exit** to return to the home screen



- 9 Note the change of mode is indicated
- 10 Press **Therapy** to begin therapy

# Transitioning Considerations

When transitioning from the legacy Philips A-series platform (BiPAP A30 and BiPAP A40) to the latest A-series release (BiPAP A40 Pro), there are a few things to consider:

## **Intended use of the devices are the same;**

- Invasive and non-invasive ventilatory support for patients
- Adult and pediatric patients weighing over 10 kg (22 lbs)
- Obstructive Sleep Apnea (OSA), respiratory insufficiency, or respiratory failure.

## **Review the new clinical features of the BiPAP A40 Pro to see if any of them apply to your patients**

- Peak inspiratory pressure (PIP)
  - BiPAP A40 legacy and BiPAP A40 Pro up to 40cmH<sub>2</sub>O
  - BiPAP A30 legacy up to 30 cmH<sub>2</sub>O
- AAM, automated airway management
  - Would your patient benefit from an autoEPAP feature being added to their NIV mode (S, S/T, T, PC)?
- Does your patient currently use the SpO<sub>2</sub> accessory?
  - Consider activating the new SpO<sub>2</sub> alarm for increased insights into therapy
- Would it be beneficial to add TcCO<sub>2</sub> monitoring to your patient's therapy regime?
  - Consider using the TcCO<sub>2</sub> additional accessories to gain valuable insights into ventilatory management with SpO<sub>2</sub>, HR and TcCO<sub>2</sub> values recorded in Care Orchestrator

## **Supplemental Oxygen**

- Did your patient entrain supplemental oxygen in their legacy device directly in the circuit?
  - If yes, with the new BiPAP A40 Pro there is an integrated port on the back of the device that can be used to enable easier oxygen delivery.
- When changing oxygen delivery from circuit entrainment to the integrated port on the back of the BiPAP A40 Pro please verify the set and displayed ventilatory parameters such as pressure and tidal volume.



For more training and education please visit the Philips learning connection site.  
[www.learningconnection.philips.com/en/bipapa40pro-education](http://www.learningconnection.philips.com/en/bipapa40pro-education)



