

## Instrument Descriptions side-by-side as captured from the fitter's view within Phonak Target 7.1 screens for "Instruments" "Hearing Aids"

KS 10.0	Audéo P90-RT
<b>DESCRIPTION</b> Premium WaterResistant external receiver instrument (rechargeable) for mild to profound hearing loss. Direct connectivity (Bluetooth®).	<b>DESCRIPTION</b> Premium WaterResistant external receiver instrument (rechargeable) for mild to profound hearing loss. Direct connectivity (Bluetooth®).
<b>FEATURES</b> <ul style="list-style-type: none"> <li>• Automatic 4.0 premium</li> <li>• Speech boost</li> <li>• Echo</li> <li>• Rechargeable</li> <li>• Own voice pick-up</li> </ul>	<b>FEATURES</b> <ul style="list-style-type: none"> <li>• AutoSense OS 4.0 premium</li> <li>• Speech enhancer</li> <li>• Comfort in echo</li> <li>• Rechargeable</li> <li>• Own voice pick-up</li> </ul>
<ul style="list-style-type: none"> <li>• Tinnitus balance</li> <li>• Dynamic noise manager</li> <li>• Balance</li> <li>• HiFrequency protect+</li> <li>• Touch control</li> </ul>	<ul style="list-style-type: none"> <li>• Tinnitus balance</li> <li>• Dynamic noise cancellation</li> <li>• Environmental balance</li> <li>• SoundRecover2</li> <li>• Tap control</li> </ul>
<ul style="list-style-type: none"> <li>• RogerDirect</li> <li>• Directional microphone premium</li> <li>• Motion sense</li> <li>• Narrow speech focus</li> <li>• DuoTel</li> </ul>	<ul style="list-style-type: none"> <li>• RogerDirect</li> <li>• UltraZoom premium</li> <li>• Motion sensor hearing</li> <li>• StereoZoom</li> <li>• DuoPhone</li> </ul>

## Autosense Programs side-by-side comparison of fitter's view selecting "Fine Tuning" upper tab, "Program Options" lower tab

Fitting Software - Phonak/Costco Target 7.1		Default Value	Various Automatic Program Settings							Custom1	Adjustment Scale																			
Vendor's term for option			Quiet <i>Calm</i>	Speech in Noise, Loud & Car	Comfort	Echo	Music	Partner Mic (TV Con)	Extreme Noise	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Costco KS10	Phonak P90-RT																													
Hearing aid microphone		4	20	20	4	4	4	-6db	12	0=Omni directional    1 to 4=Real Ear Effect    5 to 12=Fixed Direction    6 to 20 = Directional Microphone																				
	Hearing aid microphone									0=Omni directional    1 to 4=Real Ear Sound    5 to 12=Fixed Direction    6 to 20 = UltraZoom																				
Mic directionality manages sound rear, side and front										All of the Program Options and Managers below use the exact same sliding scale																				
Dynamic noise manager	Dynamic noise cancellation	0	NA	8	NA	NA	NA	NA	20	<div>0 = Off</div> <div>1 to 9 = Weak</div> <div>10 to 16 = Moderate</div> <div>17 to 20 = Strong</div>																				
<i>Requires Mic directionality set to 12 or above. Only active in noisy environments, works together with Mic directionality to reduce noise from the rear and side and enhance speech from the front. The effective strength will vary according to situation. Recommended that wearer personally adjust using the EasyLine/myPhonak app.</i>																														
Speech boost	Speech enhancer	0	0	NA	NA	NA	NA	NA	14																					
Optimizes soft speech for KS Program "Quiet" and P90 Program "Calm" situations																														
Feedback Manager	WhistleBlock	0	0	13	0	0	0	0	13																					
Cancels out transient feedback created in the real world (i.e. wearing a hat, giving a hug)																														
Impuse manager	SoundRelax	8	8	8	8	8	0	8	8																					
Reduces sudden loud sounds such as slamming doors or clattering dishes																														
Noise manager	NoiseBlock	8	8	8	12	8	0	8	8																					
Reduces uncomfortable environmental noise while maintaining audibility																														
Soft noise reduction	Soft noise reduction	0	0	0	0	0	0	0	0																					
Adjusts very soft input sounds such as fans, air conditioners or clocks ticking																														
Wind manager	WindBlock	16	16	16	16	0	0	0	16																					
Supresses wind noise																														

### Chart Key:

- KS10 items are colored Blue, Phonak P90 items are colored Green
- Each Sound Manager aka Program Option has the description of what it does below the name. When fitting, they are visible when hovering over the name. They are the same for both Phonak and Kirkland.
- Each Sound Manager/Program Option is listed in the colored columns to the far left and can be adjusted according to the scale on the right.
- Programs are managed by the Autosense Program Manager. There are 7 standard Programs with their factory settings shown in the colored columns, "Quiet/Calm", "Speech in Noise, Loud, Car", "Comfort", "Echo", "Music" and "PartnerMic+mic". "PartnerMic+mic" is the program that is used when the "TV Connector" is active.
- Custom Programs can be added by the fitter on the Fitting Program Options screen by clicking the + sign to the right of "Program Access". A Custom Program added here can be selected by a long 2 sec. press on the HA. When selecting programs using the long 2 sec HA button press, the HA will cycle thru "Autosense", "Custom 1", "Custom 2", "TV Connector" etc. You can add up to 4 customs, but I found just adding 1 sufficient. As a Custom example is one I created to emulate Noise Cancelling Headphones. Custom 1 is the program I named "Extreme Noise" and it is the peach colored column.