



Avalanche Transceiver Comparison

Product	3Axes ARVA	Axis ARVA	Evo3 ARVA	Evo3+ ARVA	Evo4 ARVA	Evo5 ARVA	Neo ARVA	Neo+ ARVA	Axio ARVA	Pro W (fka Link) ARVA	Element Mammüt	Pulse Mammüt	Barryvox Mammüt	Barryvox S Mammüt	Tracker2 BCA	Tracker S BCA	Tracker3 BCA	X1 Ortovox	D3 Ortovox	Patroler Ortovox	Patroler Digital Ortovox	Zoom+ Ortovox	3+ Ortovox	S1 Ortovox	S1+ Ortovox	DSP Tour Pieps	DSP (original) Pieps	DSP Advanced Pieps	Vector Pieps	DSP Sport Pieps	DSP Pro Pieps	Micro Pieps	PowderRecon PiepsBD	ProGuide PiepsBD
Brand	ARVA	ARVA	Evo3	Evo3+	Evo4	Evo5	Neo	Neo+	Axio	Pro W (fka Link)	Element	Pulse	Barryvox	Barryvox S	Tracker2	Tracker S	Tracker3	X1	D3	Patroler	Patroler Digital	Zoom+	3+	S1	S1+	DSP Tour	DSP (original)	DSP Advanced	Vector	DSP Sport	DSP Pro	Micro	PowderRecon	ProGuide
Model	ARVA	ARVA	Evo3	Evo3+	Evo4	Evo5	Neo	Neo+	Axio	Pro W (fka Link)	Element	Pulse	Barryvox	Barryvox S	Tracker2	Tracker S	Tracker3	X1	D3	Patroler	Patroler Digital	Zoom+	3+	S1	S1+	DSP Tour	DSP (original)	DSP Advanced	Vector	DSP Sport	DSP Pro	Micro	PowderRecon	ProGuide
Country of origin	France	France	France	France	France	France	France	France	France	France	Switzerland	Switzerland	USA	USA	USA	USA	USA	Germany	Germany	Germany	Germany	Germany	Germany	Germany	Austria	Austria	Austria	Austria	Austria	Poland	Poland	Poland	Poland	Poland
Company website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website	Visit website
Retail price (US)	\$359.00	\$359.00	\$299.00	\$299.00	\$289.00	\$499.95	\$359.95	\$349.95	\$469.95	\$499.95	\$350.00	\$350.00	\$299.95	\$299.95	\$335.00	\$335.00	\$335.00	\$777.??	\$315.00	\$299.00	\$299.00	\$310.00	\$499.00	\$499.00	\$450.00	\$450.00	\$550.00	\$599.95	\$319.95	\$419.95	\$389.95	\$339.95	\$449.95	
Release date	09/2011	10/2013	10/2011	10/2011	09/2015	09/2015	09/2018	09/2018	09/2018	12/2016	2017	2017	2017	2017	09/2016	2006/7	2013	2013	2013	2007	2007/2010	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
Discontinued	09/2011	10/2013	10/2011	10/2011	09/2015	09/2015	09/2018	09/2018	09/2018	12/2016	2017	2017	2017	2017	09/2016	2006/7	2013	2013	2013	2007	2007/2010	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
Warranty (years)	~5 years	~5 years	~5 years	~5 years	~5 years	~5 years	~5 years	~5 years	~5 years	~5 years	5 years	5 years	2-5 years	2-5 years	5 years	5 years	5 years	5 years	5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	2 or 5 years	
Specifications	3Axes	Axis	Evo3	Evo3+	Evo4	Evo5	Neo	Neo+	Axio	Pro W (fka Link)	Element	Pulse	Barryvox	Barryvox S	Tracker2	Tracker S	Tracker3	X1	D3	Patroler	Patroler Digital	Zoom+	3+	S1	S1+	DSP Tour	DSP (original)	DSP Advanced	Vector	DSP Sport	DSP Pro	Micro	PowderRecon	ProGuide
Antennas	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Analog/Digital	Both	Both	Digital	Digital	Digital	Digital	Digital	Digital	Both	Both	Digital	Both	Both	Both	Digital	Digital	Digital	2 or 3	Digital	Both	Digital	Digital	Digital	Digital	Both	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Both
Frequency	457 kHz	457 kHz	457 kHz	457 kHz	457 kHz	457 kHz	457 kHz	457 kHz	457 kHz	457 kHz	Digital	Both	Both	Both	Digital	Digital	Digital	2 or 3	Digital	Both	Digital	Digital	Digital	Digital	Both	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Digital	Both
Size and Weight	3Axes	Axis	Evo3	Evo3+	Evo4	Evo5	Neo	Neo+	Axio	Pro W (fka Link)	Element	Pulse	Barryvox	Barryvox S	Tracker2	Tracker S	Tracker3	X1	D3	Patroler	Patroler Digital	Zoom+	3+	S1	S1+	DSP Tour	DSP (original)	DSP Advanced	Vector	DSP Sport	DSP Pro	Micro	PowderRecon	ProGuide
Harness style	Pouch	Pouch	Integrated	Integrated	Integrated or Pouch	Waist belt	Waist belt	Frame (plastic)	Pouch	W (fka Link) Holster	Frame (plastic)	Frame (plastic)	Frame (plastic)	Frame (plastic)	Pouch w/clp	Pouch w/clp	Pouch w/clp	Integrated	Pouch	Integrated	Integrated	Integrated	Pouch w/clp	Pouch w/clp	Pouch w/clp	Pouch w/clp	Pouch w/clp	Pouch w/clp	Pouch w/clp	Plastic frame	Pouch w/clp	Pouch w/clp	Bracket w/clp	Pouch w/clp
Dimensions (mm)	136x80x30	118x78x26	136x80x30	136x80x30	110x72x19	123x74x31	113x78x29	113x74x31	110x78x29	118x78x26	113x72x27	113x75x27	115x67x27	115x67x27	132x83x28	115x71x26	115x71x24	130x80x25	130x80x20	130x80x20	130x80x25	117x80x24	122x74x26	123x79x31	123x79x31	115x74x26	115x74x26	115x75x26	116x75x28	105x72x20	105x72x20	118x76x29	118x76x29	
Dimensions (oz mm)	326 cu cm	239 cu cm	326 cu cm	326 cu cm	308 cu cm	282 cu cm	282 cu cm	282 cu cm	238 cu cm	239 cu cm	220 cu cm	220 cu cm	208 cu cm	208 cu cm	307 cu cm	212 cu cm	196 cu cm	260 cu cm	208 cu cm	208 cu cm	260 cu cm	225 cu cm	235 cu cm	292 cu cm	292 cu cm	221 cu cm	221 cu cm	221 cu cm	225 cu cm	244 cu cm	244 cu cm	151 cu cm	260 cu cm	260 cu cm
Weight	380 grams	355 grams	305 grams	305 grams	325 grams	325 grams	325 grams	325 grams	380 grams	350 grams	320 grams	305 grams	305 grams	330 grams	250 grams	200 grams	250 grams	250 grams	250 grams	270 grams	285 grams	315 grams	360 grams	360 grams	360 grams	360 grams	345 grams	310 grams	310 grams	240 grams	310 grams	310 grams	310 grams	
Without harness	265 grams	255 grams	305 grams	305 grams	305 grams	265 grams	265 grams	265 grams	240 grams	250 grams	210 grams	215 grams	215 grams	250 grams	200 grams	250 grams	250 grams	250 grams	250 grams	270 grams	280 grams	310 grams	250 grams	250 grams	250 grams	250 grams	205 grams	205 grams	210 grams	210 grams	150 grams	225 grams	225 grams	
Controls	3Axes	Axis	Evo3	Evo3+	Evo4	Evo5	Neo	Neo+	Axio	Pro W (fka Link)	Element	Pulse	Barryvox	Barryvox S	Tracker2	Tracker S	Tracker3	X1	D3	Patroler	Patroler Digital	Zoom+	3+	S1	S1+	DSP Tour	DSP (original)	DSP Advanced	Vector	DSP Sport	DSP Pro	Micro	PowderRecon	ProGuide
Power on/off	Leash plug	Press button	Harness	Harness	Harness	Slide switch	Leash plug	Turn dial	Press power, then joystick	Press button	Press and-rotate	Press and-rotate	Press and-rotate	Press and-rotate	Turn dial	Turn dial (w/flash)	Turn dial (w/flash)	Harness	Harness	Harness	Harness	Turn dial	Slide-and-twist	Slide-and-twist	Press & twist dial	Press & twist dial	Press-and-slide	Press-and-slide	Press-and-slide	Press button	Press-and-slide	Press-and-slide	Press-and-slide	Press-and-slide
Send to Search	Pull end	Press-and-slide	Pull end	Pull end	Pull end	Press-and-slide	Slide switch	Slide switch	Flip lever	Press-and-slide	Press-and-slide	Press-and-slide	Press-and-slide	Press-and-slide	None	Turn dial (w/flash)	Turn dial (w/flash)	Slide-and-rotate	Slide-and-rotate	Slide-and-rotate	Slide-and-rotate	Slide-and-rotate	Slide 2 switches	Slide 2 switches	Button & Flip	Button & Flip	Press-and-slide	Press-and-slide	Press-and-slide	Press-and-slide	Press-and-slide	Press-and-slide	Press-and-slide	Press-and-slide
Audible alert on change to search mode	None	None	None	None	None	None	None	None	None	None	None	None	None	None	3 Beeps	1 Sound	1 Sound	None	None	None	None	None	None	None	One beep	One beep	None	None	None	None	None	None	None	None
Inadvertently enter Search mode	No	No	No	No	No	No	No	Maybe	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Unholster, Search, Send with gloves	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Fair	Yes	Yes	Difficult	Difficult	Difficult	Difficult	Maybe	Maybe	Maybe	Yes	Yes	Yes	Yes	Maybe	Maybe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Search to Send	Bump end	Press button	Bump end	Bump end	Bump end	Slide switch	Slide switch	Slide switch	Flip lever	Press button	Slide	Slide	Slide	Slide	Bump end	Turn dial	Turn dial	Twist dial	Twist dial	Twist dial	Twist dial	Twist dial	Bump end	Bump end	Flip closed	Flip closed	Slide switch	Slide switch	Slide switch	Slide switch	Slide switch	Slide switch	Slide switch	Slide switch
Audible indication on change from search to send	None	None	None	None	None	None	None	None	None	None	3 Beeps	3 Beeps	3 Beeps	3 Beeps	5 Sounds	5 Sounds	5 Sounds	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None
Can inadvertently enter send mode	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes (likely)	No	Unlikely	Unlikely	Unlikely	Unlikely	Unlikely	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Analog/Digital toggle send mode	Press "*" & "+"	Press 2 buttons	NA	NA	NA	NA	NA	NA	Press power	Press 2 buttons	NA	Press 2 buttons	NA	Use Menu	NA	NA	NA	Automatic	Automatic	Automatic	Automatic	NA	NA	Menu	Menu	NA	NA	NA	NA	NA	NA	NA	NA	NA
Blinking indicator	Blinking LED	Blinking LED	Blinking LCD Arrow	Blinking LCD Arrow	Blinking LCD Arrow	Blinking LCD Arrow	Blinking LCD Arrow	Blinking LCD Arrow	Blinking Power Button	Blinking LED	Blinking LED	Blinking LED	Blinking LED	Blinking LED	NA	Blinking LED	NA	Automatic	Automatic	Automatic	Automatic	NA	NA	Menu	Menu	NA	NA	NA	NA	NA	NA	NA	NA	NA
Visible when in harness	No	No	No	No	No	No	No	No	Yes	Yes	Yes (obvious)	Yes (obvious)	Yes (obvious)	Yes (obvious)	?	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Haptic (vibration) feedback	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No
Error reporting	?	Error	Er	Er	Er	Er	Er	Er	Yes	Error	Error number	Text message	Icon and Text	Icon and Text	None	None	None	?	?	?	?	Two letters	Error number	Warning symbol	Warning symbol	Error number	Error number	Error number	Text & Number	Error number	Error number	Error number	Error number	
Display	3Axes	Axis	Evo3	Evo3+	Evo4	Evo5	Neo	Neo+	Axio	Pro W (fka Link)	Element	Pulse	Barryvox	Barryvox S	Tracker2	Tracker S	Tracker3	X1	D3	Patroler	Patroler Digital	Zoom+	3+	S1	S1+	DSP Tour	DSP (original)	DSP Advanced	Vector	DSP Sport	DSP Pro	Micro	PowderRecon	ProGuide
Digital display	Yes (LED)	Yes (Graphic)	Yes (LED)	Yes (LED)	Yes (LED)	Yes (LED)	Yes (LCD)	Yes (LCD)	Yes (LCD)	Yes (Graphic)	Yes (LCD)	Yes (Graphic)	Yes (LCD)	Yes (LCD)	Yes (LCD)	Yes (LED)	Yes (LED)	Yes (LED)	Yes (LED)	Yes (LED)	Yes (LED)	Yes (LED)	Yes (LED)	Yes (LED)	Yes (Graphic)	Yes (LCD)	Yes (LCD)	Yes (LCD)	Yes (LCD)	Yes (LCD)	Yes (LCD)	Yes (LCD)	Yes (LCD)	
Lighted display	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Display size (sq mm)	693	840	693	693	693	945	1036	1036	1170	840	1050	1050	1056	1462	300	735	735	198	198	198	198	400	962	1470	1470	736	736	1080	928	928	1176	928	928	
Screen contrast control	No	Yes (menu)	No	No	No	No	No	No	NA	Yes (menu)	NA	Yes	Yes	Yes	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Searching	3Axes	Axis	Evo3	Evo3+	Evo4	Evo5	Neo	Neo+	Axio	Pro W (fka Link)	Element	Pulse	Barryvox	Barryvox S	Tracker2	Tracker S	Tracker3	X1	D3	Patroler	Patroler Digital	Zoom+	3+	S1	S1+	DSP Tour	DSP (original)	DSP Advanced	Vector	DSP Sport	DSP Pro	Micro	PowderRecon	ProGuide
Recommended search strip	40 meters	50 meters	40 meters	40 meters	40 meters	50 meters	60 meters	70 meters	60 meters	50 meters	50 meters	50 meters	70 meters	70, 100 meters	50 meters	40 meters																		