



Features of the AKE ECC series

Made in Germany

ECC hand-held
(mit Langantenne)

ECC basic

ECC silence

Function	Properties	31421	31417	31418	
Teamradio	Star-shaped connection setup with central team leader function	x	x	x	
	Number of devices in full duplex conference mode	4	4	4	
	Maximum number of devices that can be paired	4	4	8	
	Connecting late comers possible	x	x	x	
	Hirarchie change, employee becomes team leader / repeater and vice versa			x	
	Replacing the team leader with another team leader			x	
	Swap automatic, allows switching to other paired employee devices			x	
	Power-saving mode	x	x	x	
	Range in free field ¹ meters up to	700	500	500	
Range in free field ¹ , but in the worst head position (with Human Body Effect) meters up to	700	450	450		
Range in free field ¹ , with repeater function, meters up to	1400	1000	1000		
accident cover	An observer outside the danger zone can warn the partner at risk at any time, even if he is talking!	x	x	x	
	Free hands when speaking, e.g. to hold on in case of danger of falling. In this way, help can be called immediately even in dangerous situations.	x	x	x	
	An electronically controlled, active external noise coupling allows the hearing of the acoustic environmental information even with hearing protection.			x	
Operation	Just one click to pair new devices	x	x	x	
	Automatic channel selection (80 channels)	x	x	x	
	Automatic voice encryption, no selective call settings, etc. required	x	x	x	
	Hands-free operation, no PTT key required	x	x	x	
	Number of keys, very easy handling due to context-dependent operation	3	3	3	
	Microphone muting via the keys possible	x	x	x	
	Team talk standby mode and return to the team with just one button click	x	x	x	
	With mobile phone / smartphone - call acceptance, hang up, reject call, volume	x	x	x	
	With audio / smartphone - switch to music mode, start, stop, volume	x	x	x	
	Separate volume storage for team talk, phone calls and music	x	x	x	
	Team leader function remote control / priority, the team leader reactivates the team speech mode for all participants with only one key click	x	x	x	
When a participant makes a call, he hears a call waiting tone, when he hangs up, the team call is automatically re-established	x	x	x		
Smartphone lock for team operation on request (can be switched on via app)	x	x	x		
Noise suppression	Sturdy ear protection cups with soft cheek pad according to EN352, SNR value		26 dB	26 dB	
	Noise compensating speech microphone		x	x	
	Active microphone, an electronic speech recognition activates the signal microphone only when speaking. The microphone signal is 100% blocked during pauses in speech				x
	Microphone control by side sound transmission (can be switched off)				x
	Separate noise microphone (can be switched off)				x
	Automatic reduction of external noise coupling when the permissible volume of 85 dB(A) at the ear is exceeded				x
Bugging safety	Secure protection against eavesdropping by unauthorized persons, only paired devices can talk to each other	x	x	x	
Bluetooth®-Interface	Bluetooth®- standard	4.xx	4.xx	4.xx	
	Cordless connection for telephoning (can be switched off in team mode)	x	x	x	
	Alternative wireless connection to radio with Bluetooth interface	x	x	x	
	Data interface between smartphone or machine and headset	x	x	x	
Audio	High speech quality for optimal communication	x	x	x	
	Speakers on both sides, improves speech intelligibility and enables high-quality transmissions from smartphones, etc.			x	
	Volume for team communication, telephone call and music separately adjustable	x	x	x	
Connections	Waterproof micro USB socket	x	x	x	
	Integrated protection against overvoltage and reverse polarity	x	x	x	
	Exchangeable external antenna	x	x	x	
	headspeech set and loudspeaker connection 4-pole, 3.5 mm jack, also suitable as signal receiver	x			
Wearing comfort, hygiene	Low weight of the electronics (approx. 40 grams)		x	x	
	Universally applicable, fits all helmets with 30 mm standard slot, others with adapter ²		x	x	
	Soft cheek pads		x	x	
	Parts with body contact easily replaceable (padding, acoustic foam and microphone pop shield)		x	x	
Mobile App	Android Over The Air Control App for mobile phone	x	x	x	
	Various individual settings	x	x	x	
	Easy software update	x	x	x	
	Service hotline, log file transfer	x	x	x	
Service	In case of problems, the customer can request help by telephone or app at any time. For immediate help he has Mon - Fri from 9:00 - 18:00 direct access via a specially set up hotline.	x	x	x	
	In the event of repair, the customer will receive a loan device if the repair cannot be carried out within 24 hours. One and two years after the date of purchase, the customer is entitled to a free device inspection			x	

¹ Depending on the terrain and buildings (shading), the range of radio systems may be greatly reduced under certain circumstances.

² Approved with LAS helmets, for other helmets applied