

# A-KABEL

## AK5850HS

ATEX Headset & PTT Switches

ATEX approved heavy duty headset and press-to-talk adaptor for use in the most demanding environments. Manufactured in Norway in close collaboration with end-users, using the latest technology to ensure excellent hearing protection and communication are combined with high durability to meet the demands of extreme environments.



- > Petro-Chemical
- > Offshore Exploration
- > High Noise
- > Shipping
- > Electricity Power Generation





# A-KABEL AS

## ATEX Headset & PTT Switches

Working in environments such as offshore exploration and Petro-chemical industries demands tough, rugged, intrinsically safe communications products. Good communications is vital to ensure good workplace safety and downtime is reduced.

The A-KABEL ATEX headsets & PTT's are built to withstand the demands of these extreme environments, at the same time ensure operators maintain their personal safety.



- ATEX approved by Nemko
- All metal parts are stainless steel for increased durability
- The headsets are manufactured in modules so every component can be easily replaced
- All cables are manufactured for long life. The coiled leads are tested for 1,000,000 flexions
- External cables and connectors have moulded waterproof strain reliefs
- Spare parts are available from stock for reduced downtime
- Quick positioning noise cancelling boom microphone for ease of use
- Noise cancelling microphone filters out background noise allowing clear speech transmission
- PTT's have rugged stainless steel crocodile clips for easy attachment to clothing

### Models to suit:

Headsets	
Item No.	Item Description
AK5850HS	A-KABEL TWINCOM Headset ATEX Headband SNR 30 dB
AK5850S	A-KABEL TWINCOM Headset ATEX Helmet attached SNR 30
AK5850	A-KABEL ATEX Headset 4-pole Nexus plug Helmet attach SNR 29dB
AK5850H	SWATCOM A-KABEL ATEX Headset with NEXUS TP120 plug Headband SNR 29dB
AK6631	A-KABEL SlimLine Headset Helmet Att. TP120 Plug ATEX
AK6631H	A-KABEL ATEX SlimLine Headset Headband TP120 Plug ATEX

## AK6760M

### IP 67 rated PTT



**Product code:**  
 Helmet attach: AK5850S  
 Headband: AK5850HS  
**ATEX approval data: EEx ib IIC T4 (06ATEX1235X)**

3.11 Sound attenuation (EN 352-1, Clause 4.3.12)  
 Sound attenuation was tested from specimens numbered 1-4. Sound attenuation characteristics are tabulated below.

Frequency (Hz)	125	250	500	1000	2000	3150	4000	6300	8000
Mean attenuation (dB)	18,1	20,0	31,2	39,3	31,0	34,8	41,2	42,5	40,8
St.dev. (dB)	3,3	2,3	3,1	3,6	2,3	2,9	3,9	4,9	5,1
APV (84%)	14,7	17,8	28,1	35,8	28,7	31,9	37,4	37,6	35,8

H <sub>84</sub>	32	dB
M <sub>84</sub>	28	dB
L <sub>84</sub>	20	dB
SNR <sub>84</sub>	30	dB

PTT's	[A-KABEL and PELTOR compatible]
<b>Motorola</b> AK6760M	A-KABEL ATEX IP67 PTT DP4000 MOLEX, Requires PMLN6047 Adaptor
AK6053 AK6053W AK6612 AK6612WA AK6648W AK6724W AK5833	A-KABEL ATEX PTT switch GP900 A-KABEL Waterproof PTT for GP900/MT2100/MTS2000 ATEX A-KABEL ATEX PTT switch for GP340 A-KABEL Waterproof PTT GP340 ATEX A-KABEL Waterproof PTT GP340 & Savox Earmic E400 ATEX A-KABEL Waterproof PTT Switch for Motorola MTP850 ATEX A-Kabel ATEX PTT adaptor for Motorola MX1000
<b>ICOM</b> AK6613W AK6850I AK6850I-D	A-KABEL Waterproof PTT ICOM F51/61/M87/F4161DS ATEX A-KABEL ATEX PTT for ICOM IC-F3202DEX/F4202DEX ATEX IP67 A-KABEL ATEX PTT for ICOM IC-F3202DEX/F4202DEX ATEX IP67 DRAGER Compatible
<b>HYTERA</b> AK6850H	A-KABEL ATEX PTT for HYTERA PD715 Ex Series IP67
<b>TAIT</b> AK6850T AK6874T	A-KABEL IP67 ATEX PTT for TAIT TP9300EX Series A-KABEL ATEX PTT for TAIT TP9361 ATEX Radio. IP67
<b>NIROS</b> AK6398	A-KABEL PTT switch for NIROS 1012 (Ericsson P50) ATEX