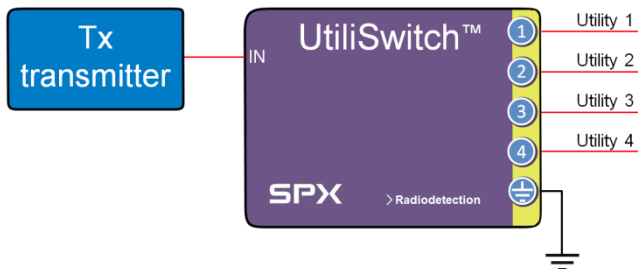# UtiliSwitch™

REMOTE SWITCHING FOR FASTER LOCATING

OVERVIEW

Time taken per locate task is a critical factor for many locate professionals. UtiliSwitch enables the user to reduce the time spent at each location, allowing them to move on to the next job more quickly.

UtiliSwitch allows a technician to connect a Radiodetection Tx-X transmitter to up to 4 different utilities, and to switch the transmitter signal between those utilities remotely.

In this way, locate signals can be applied to up to 4 separate utilities in turn, from distances of over 300' (91m)* away, losing the dead-time of returning to the transmitter.

PRODUCT DETAILS

UtiliSwitch is an accessory for Radiodetection's Tx-X range of transmitters.

The UtiliSwitch Switcher connects directly to the Tx-X transmitter, and feeds its output signal to a multiplexer.

The operator can select which of the 4 outputs the signal is directed to. The UtiliSwitch Remote, which may be belt mounted, permits the operator to select the desired output channel from a distance of over 300' (91m)*.

Outputs 1, 2 and 3 of UtiliSwitch are shrouded 4mm banana sockets, allowing Direct Connection to utilities. Output 4 is a fully-functioning Transmitter-type output, capable of supporting Direct Connect leads, clamps and any other Radiodetection Tx-X accessory.

TECHNICAL SPECIFICATIONS FOR UTILISWITCH

Number of channels:	Inputs: 1	
	Outputs: 4	3 x banana sockets 1 x transmitter socket
Radio Range:	300' typical*	
Batteries:	UtiliSwitch Switcher: Lifetime:	2 x D-cells (LR20) 6 months typical usage
	UtiliSwitch Remote: Lifetime:	2 x AA (LR6) 6 months typical usage
Max current/channel	1.0A rms	
Max signal voltage	125Vrms, 250Vpk	
Maximum output VA	10VA	
Maximum foreign voltage terminals	30V AC rms, (50/60Hz) connected to its output	
Operating Temperature Range	4°F to 120°F (-20°C to +50°C)	
Environmental Protection	UtiliSwitch Switcher: UtiliSwitch Remote:	IP54
Compatibility	Tx-1, Tx-5(B) and Tx-10(B)	

*Greater distances are achievable; maximum distance is dependent on interference conditions.

›Radiodetection®

SPX
WHERE IDEAS MEET INDUSTRY

Global locations

USA

SPX Global Headquarters
13515 Ballantyne Corporate Place
Charlotte, NC 28277, USA
Tel: +1 704 752 4400
www.spx.com

Radiodetection
28 Tower Road, Raymond, Maine 04071, USA
Tel: +1 (207) 655 8525
Toll Free: +1 (877) 247 3797
Fax: +1 (207) 655 8535
Email: rd.sales.us@spx.com
www.radiodetection.com

Pearpoint
39-740 Garand Lane, Unit B
Palm Desert, CA 92211, USA
Tel: +1 800 688 8094
Tel: +1 760 343 7350
Fax: +1 760 343 7351
pearpoint.sales.us@spx.com
www.radiodetection.com

Radiodetection (Canada)
344 Edgeley Boulevard, Unit 34
Concord, Ontario L4K 4B7, Canada
Tel: +1 (905) 660 9995
Toll Free: +1 (800) 665 7953
Fax: +1 (905) 660 9579
rd.sales.ca@spx.com
www.radiodetection.com

EUROPE

Radiodetection Ltd. (UK)
Western Drive, Bristol BS14 0AF, UK
Tel: +44 (0) 117 976 7776
Fax: +44 (0) 117 976 7775
rd.sales.uk@spx.com
www.radiodetection.com

Radiodetection (France)
13 Grande Rue, 76220, Neuf Marché, France
Tel: +33 (0) 2 32 89 93 60
Fax: +33 (0) 2 35 90 95 58
rd.sales.fr@spx.com
http://fr.radiodetection.com

Radiodetection (Benelux)
Industriestraat 11
7041 GD 's-Heerenberg, Netherlands
Tel: +31 (0) 314 66 47 00
Fax: +31 (0) 314 66 41 30
rd.sales.nl@spx.com
http://nl.radiodetection.com

Radiodetection (Germany)
Groendahlscher Weg 118
46446 Emmerich am Rhein, Germany
Tel: +49 (0) 28 51 92 37 20
Fax: +49 (0) 28 51 92 37 520
rd.sales.de@spx.com
http://de.radiodetection.com

ASIA-PACIFIC

Radiodetection (Asia-Pacific)
Room 708, CC Wu Building
302-308 Hennessy Road, Wan Chai
Hong Kong SAR, China
Tel: +852 2110 8160
Fax: +852 2110 9681
rd.sales.asiapacific@spx.com
www.radiodetection.com

Radiodetection (China)
Room 5-10, Workshop 4
No. 10 Zhenggezhuang Village
Beiqijia Town, Changping District
Beijing 102209, China
Tel: +86 (0) 10 8178 5652
Fax: +86 (0) 10 8178 5662
rd.service.cn@spx.com
http://cn.radiodetection.com

Radiodetection (Australia)
Unit H1, 101 Rookwood Road,
Yagoona NSW 2199, Australia
Tel: +61 (0) 2 9707 3222
Fax: +61 (0) 2 9707 3788
rd.sales.au@spx.com
www.radiodetection.com

Radiodetection is a leading global developer and supplier of test equipment used by utility companies to help install, protect and maintain their infrastructure networks. Radiodetection is a unit of SPX (NYSE: SPW), a global Fortune 500 multi-industry manufacturing company. With headquarters in Charlotte, N.C., SPX has 14,000 employees in more than 35 countries worldwide. Visit www.spx.com.