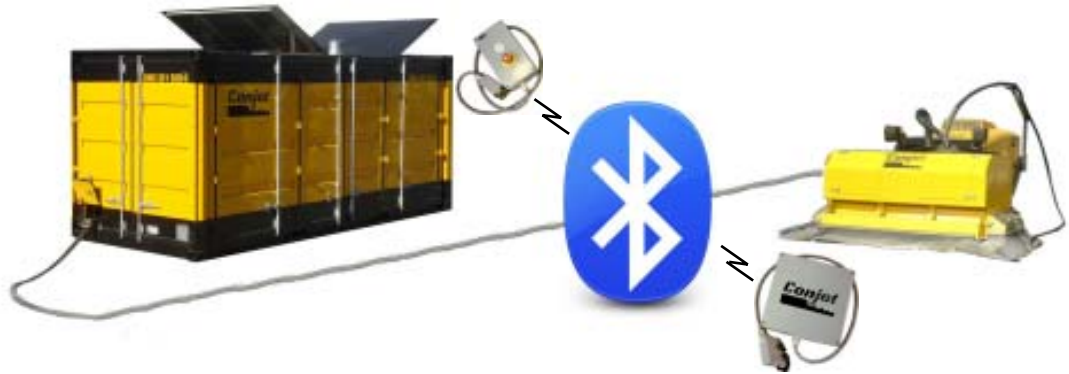




## **BlueTooth Communication**



### **Conjet's patented BlueTooth**

Conjet's patented BlueTooth (wireless) Communication replaces the communication cable between any high pressure pump and Conjet Robot/CCU.

### **Communication**

If you are running the Robot 432D, you only need to connect the high pressure hose to a suitable Powerpack. The BlueTooth Communication kit consists of two BlueTooth units that communicates with each other.



Conjet's patented Wireless Communications kit

BlueTooth is a proprietary open wire-less technology standard for exchanging data over short distances with high levels of security.

If you already have radio control for the Robot/CCU, you don't need to worry. They communicate in different areas all together and will not interfere with each other.

### **Safety is paramount**

To ensure safe operation, Conjet has over the past 30 years, controlled the high pressure pump through a control cable.

Unlike other systems where the operator switches high pressure on/off through a separate switch box (that could possibly fall off the bridge, pier etc. and out of reach for the operator), Conjet allows the Robot/CCU to automatically turn off high pressure OR shut off the high pressure pump completely in case of an emergency.



## **APPLIED WATERJET TECHNOLOGY**

**Product Info**

### **CONJET AB**

P.O. Box 507  
SE-136 25 HANINGE  
SWEDEN

PHONE  
+46 (0)8 55 65 22 40

FAX:  
+46 (0)8 55 65 22 60

E-MAIL:  
conjet@conjet.com

WEBSITE:  
www.conjet.com

3312 8009 98

## **Features**

Signal range is 100 meters and can be increased by positioning the sender (on Powerpack) on a suitable stand connected to the powerpack by cable.

When working on bridges, where no walls help the signal to reach, the sender can be positioned using the above technique.

Same applies if work is done in a parking garage e.g. on a different level from the Powerpack. Position the sender on the same level as the Robot using a suitable stand and communication is guaranteed.

The communication between Robot and Powerpack consists of the following information:

### ■ Full two-way emergency stop control.

This means that all emergency stops in the system will simultaneously shut off the high pressure pump and Robot/CCU. This applies to ALL emergency stops in the complete system.

### ■ “High pressure ON”-signal to the robot.

When the Robot is working with a hydraulic rotor (or in tandem), the automatic operation of the Robot/CCU will be shut down, if the high pressure pump shuts down high pressure operation.

### ■ Load/unload high pressure.

The Robot/CCU controls when high pressure should be loaded or not. In case of a blockage of the nozzle movement on the Robot/CCU, high pressure is turned off minimizing the risk of “blowing through” the bridge deck.

## **Installation**

The receiver is placed inside the Robot/CCU and connected to the standard communications plug.

The sender is connected to the powerpacks communication plug.

*Done.*

## **Technical data**

Weight:	4,5 kg (receiver)
	1,6 kg (sender)
Range:	100 meters
Type:	BlueTooth Class 1

## **Order number**

3312 2527 18

Conjet BlueTooth Communication kit



### **CONJET AB**

P.O. Box 507  
SE-136 25 HANINGE  
SWEDEN

PHONE  
+46 (0)8 55 65 22 40

FAX  
+46 (0)8 55 65 22 60

E-MAIL  
conjet@conjet.com

WEBSITE  
www.conjet.com

Pictures are illustrative only and do not necessarily show the configuration of the products on the market at the given point in time. These products must be used in conformity with safe practice and applicable statutes, regulations, codes and ordinances. Subject to change without prior notice.

© Copyright Conjet AB, Sweden 2009 – All unauthorized copying or sampling strictly prohibited