



Opens the future

PASSY BROCHURE

RANGE- SELECTION GUIDE

Innovation

Components

Operation

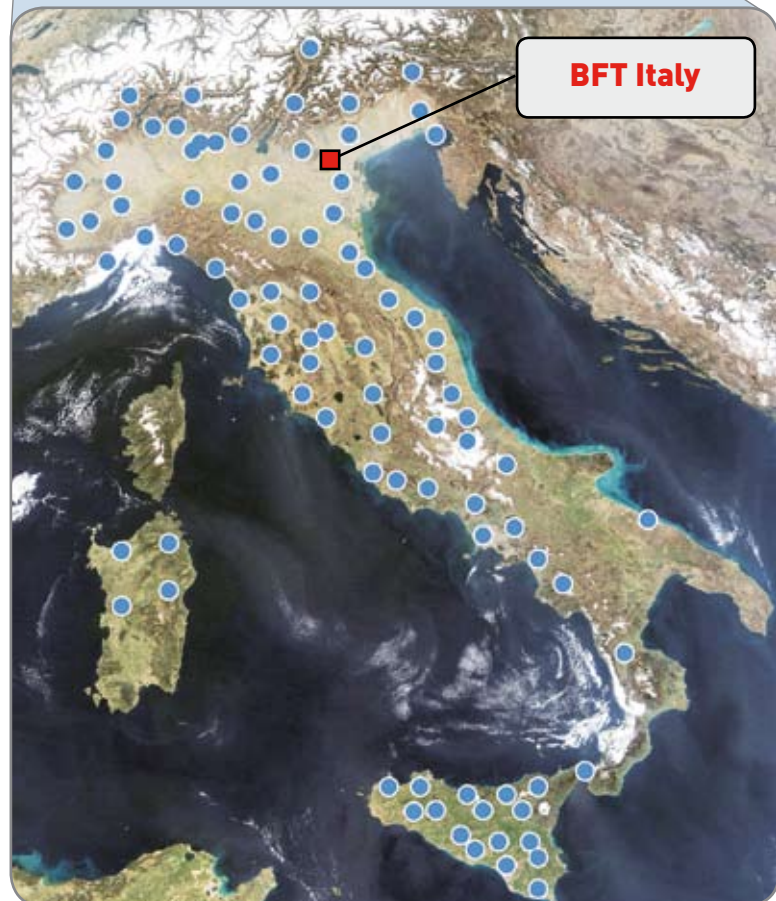
Application examples

BFT. SAFE AND RELIABLE SOLUTIONS ANY TIME, ANYWHERE

2



Our Schio premises in Italy's Northeast stretch over 21,000 square metres, which include 15,000 sq m of indoor floor space. It is a modern facility that has recently been extended with the addition of two new buildings. Getting here is easy. From Verona's "Catullo" airport or Venice's "Marco Polo" airport or from the Milan/Venice A4 motorway: take the A31-Valdastico road, following the signs for Pivovene Rocchette. Take the Schio/Thiene exit and follow the signs for Schio's northern industrial estate "Zona Industriale. BFT have always believed in service as a key element in their dealings with customers. A widespread network of installers and professionals work nationwide and across the globe to promptly solve technical and business issues of any kind. The quality of each product is guaranteed by an exclusive warranty formula that covers the purchase for 24 months. Giving you lasting peace of mind for years to come.



COMPANY CERTIFICATION



UNI EN ISO 9001-2000

Hinged on customer satisfaction, it specifies the total quality requirements of a company management system, with the aim of achieving better internal organization and improving relationships with stakeholders outside the company, with a focus on ensuring ISO 14001 customers receive increasingly efficient services.

BFT SpA's Environmental Management System was certified according to the standard UNI EN ISO 14001:1996 on 30/12/2003. BFT was awarded this company certification as a guarantee of its commitment to the environmental protection that always goes hand in hand with the development of a great company..



PRODUCT CERTIFICATIONS



CE

Compulsory European product self-certification that guarantees conformity with safety standard requirements



CSA

This certification guarantees product quality in compliance with certain standards that must be met for exports to be accepted into the North American market



Opens the future

PASSY

HANDS-FREE COMMAND DEVICE FOR AUTOMATED GATES AND DOORS

INNOVATION



*Lux*⁰⁰
essence

THE ULTIMATE COMFORT

PASSY makes it possible to command the gate without performing any action. Simply approach the gate and see it open.

SAFETY WITHOUT COMPROMISE

No distractions while driving. PASSY lets you keep your eyes on the road, for our own safety and that of who is around us.

EXCLUSIVITY AND ELEGANCE

PASSY features groundbreaking technology and is "invisible", not jarring with the surroundings in which it is installed.

TOTAL PROTECTION

PASSY features the protection against unauthorized copying of MITTO systems. The ROLLING CODE encryption system guarantees 100% secure commands and prevents any kind of external breach.

ABSOLUTE COMPATIBILITY

PASSY is totally compatible with any BFT installation equipped with CLONIX receiver. It is not needed to add a separate receiving device. Furthermore PASSY features all the functions of the MITTO remote controls (clonability, block programming, remote programming and receiver archives management with PROXIMA).

SIMPLE AND QUICK INSTALLATION

PASSY is extremely quick to install, just connect two power supply wires and PASSY is up and running.

FULL EXPANDABILITY

PASSY can be integrated with a COMPASS access control system with the use of an RTD-CA. All the features of the COMPASS system are kept when used with PASSY.





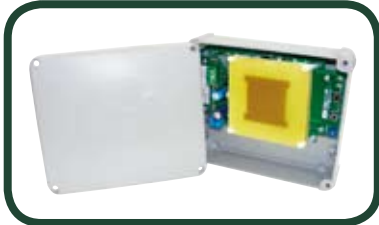
COMPONENTS



D111457 00001 PASSY ANTENNA OMNI

Omni-directional 2,45 GHz antenna. In conjunction with PASSY TRANSPONDER it activates the automated gate when the user is located inside the triggering zone created by the antenna.

For hands-free operation of the gate both on opening and closing.



D111457 00002 PASSY ANTENNA MONO

Omni-directional 2,45 GHz antenna. In conjunction with PASSY TRANSPONDER it activates the automated gate when the user is located inside the triggering zone created by the antenna.

For hands-free operation of the gate either on opening or on closing.



D111456 PASSY TRANSPONDER

Active dual frequency transponder: 2,45 GHz for the detection of PASSY ANTENNA and 433 MHz for the emission of the command signal to the automated gate receiver.



N999461 PASSY TRANSPONDER 100

Package of 100 numbered PASSY TRANSPONDER for block programming with RTD and RTD-CA receiver or CLONIX receiver with PROXIMA handheld programmer.

NOTE: PASSY system operates the automated gate only in conjunction with a BFT CLONIX or RTD receiver. In case this receiver is not installed, retrofitting on an existing installation is possible adding and setting it up.

TECHNICAL SPECIFICATIONS

	PASSY ANTENNA MONO						PASSY ANTENNA OMNI					
Frequency	2400-2483 MHz											
Range	20 m						10+10 m					
Power supply	14-28 V ac/dc											
Absorbed current	ac	14 V	210 mA	dc	14 V	180 mA	ac	14 V	210 mA	dc	14 V	180 mA
		24 V	140 mA		24 V	90 mA		24 V	140 mA		24 V	90 mA
Absorbed power	Typical 3W - Max 6W											
Radio emission power	100 mW EIRP											
Protection rating	IP 55											
Operating temperature	-20 °C +70 °C											
PASSY TRANSPONDER												
Frequency	433.92 MHz											
Range	50 m											
Power	> -8 dB											
Operating temperature	-10 °C +70 °C											

OPERATION

PASSY works using 3 components:

1 - THE ANTENNA

The antenna is a microwave interrogation device . It emits a 2,45 GHz microwave signal that generates the triggering zone for the transponder.

The available antennas are:

D111457 00001 PASSY ANTENNA OMNI

D111457 00002 PASSY ANTENNA MONO



2 - THE TRANSPONDER

The transponder stands-by until it is "awakened" by the antenna. Right after its activation, the transponder emits a 433 MHz radio signal to open the gate.

The available transponders are:

D111456 PASSY TRANSPONDER

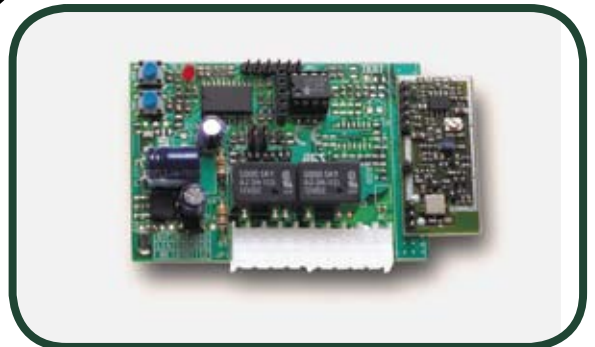
N999461 PASSY TRANSPONDER 100



3 - THE RECEIVER

It picks up the 433 MHz signal by the transponder, that, if accepted, commands the opening of the gate. The 433 MHz radio signal of the PASSY TRANSPONDER is the same signal the one of MITTO remote controls.

Thus it is not required to install an additional receiver if the installation is already equipped with CLONIX receiver (as occurs in all BFT control panels with built-in receiver) or RTD receiver.





APPLICATION EXAMPLES

RESIDENTIAL USE WITH PASSY ANTENNA MONO **1**
MANAGING A SINGLE ACCESS POINT



RESIDENTIAL USE WITH PASSY ANTENNA OMNI **1** AND
PASSY ANTENNA MONO **2** MANAGING MULTIPLE ACCESS POINTS



INDUSTRIAL/COMMERCIAL USE WITH MULTIPLE
PASSY ANTENNA MONO **1** MANAGING MULTIPLE ACCESS POINTS



INDUSTRIAL/COMMERCIAL USE WITH
PASSY ANTENNA MONO **1** MANAGING MULTIPLE ACCESS POINTS





Opens the future

COMPANY WITH INTEGRATED
MANAGEMENT SYSTEM CERTIFIED BY DNV
= ISO 9001:2000 =
ISO 14001:2004

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