

FR / MODULES DE COMMANDE RADIO, 500743 & 500750

EN / RADIO REMOTE SWITCHES, 500743 & 500750

ES / CAJAS DE MANDO DE RADIO, 500743 & 500750

IT / CASSA DI COMANDO RADIOFONICA, 500743 & 500750

DE / FUNKSTEUERUNGSMODULE, 500743 & 500750



**MANUEL D'INSTALLATION & D'ENTRETIEN**  
**INSTALLATION & MAINTENANCE MANUAL**  
**MANUAL DE INSTALACION Y MANTENIMIENTO**  
**MANUALE DI INSTALAZIONE E MANUTENZIONE**  
**MONTAGE- & WARTUNGSHANDBUCH**

Products  
Certified by

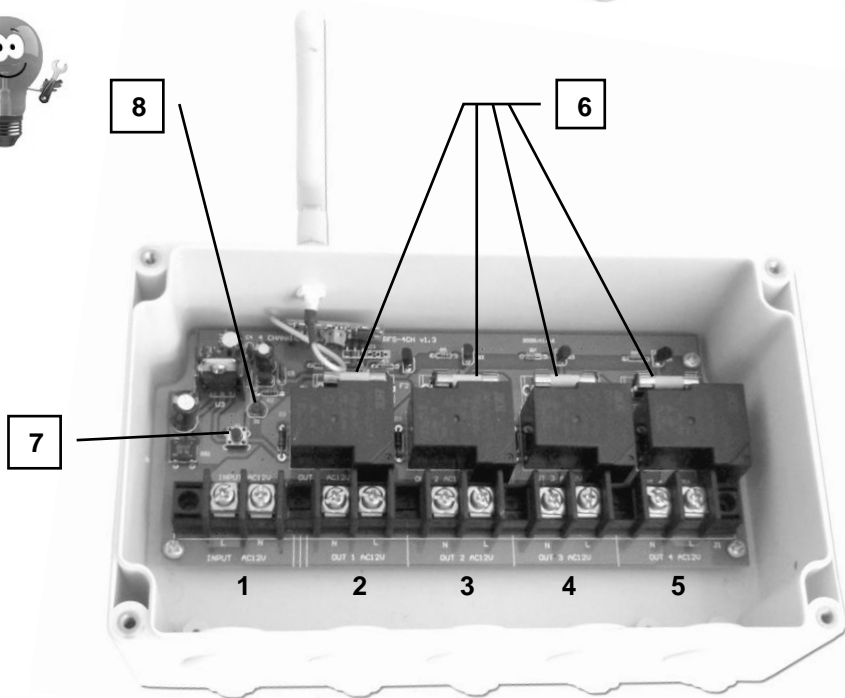
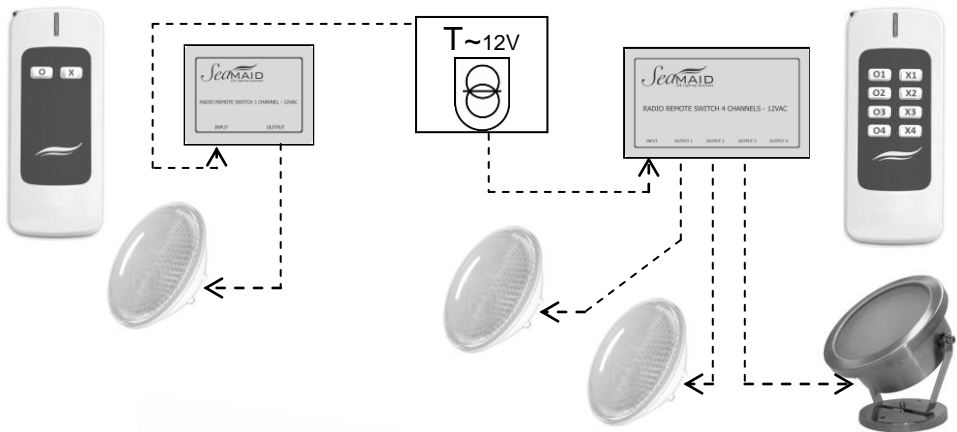


TÜVRheinland

RoHS

REACH





	FR	EN	ES	IT	DE
<b>1</b>	Entrée ~12V	Input ~12V	Entrada ~12V	Entrata ~12V	Eingang ~12V
<b>2</b>	Sortie canal 1	Output channel 1	Salida canal 1	Uscita canale 1	Ausgang Kanal 1
<b>3</b>	Sortie canal 2	Output channel 2	Salida canal 2	Uscita canale 2	Ausgang Kanal 2
<b>4</b>	Sortie canal 3	Output channel 3	Salida canal 3	Uscita canale 3	Ausgang Kanal 3
<b>5</b>	Sortie canal 4	Output channel 4	Salida canal 4	Uscita canale 4	Ausgang Kanal 4
<b>6</b>	Fusible 20A	Fuse 20A	Fusible 20A	Fusibile 20A	Sicherung 20A
<b>7</b>	Bouton appairage	Pairing button	Botón apareamiento	Bottone per impostazione tel.	Synchronisierungs-Schalter
<b>8</b>	LED rouge d'appairage	Pairing red LED	LED roja de apareamiento	LED rossa per impostazione tel.	Kontrolle LED rot

**IMPORTANT** : This instruction manual includes essential information on the safety measures to be implemented for installation and start-up. It is important to read these instructions before beginning installation and start-up. Keep this manual for future reference.

Failure to comply with the instructions given by the manufacturer in this manual regarding installation, operational start up and maintenance of the product exonerates the manufacturer or the distributor from any liability for damages affecting persons, the concerned product or the other installations, and shall void the guarantee.

### **1. VERIFY THE CONTENT OF THE PACKING**

- Radio remote switch
- Antenna
- Radio remote controller with battery
- Installation and maintenance manual

### **2. GENERAL CHARACTERISTICS**

This radio remote switch has been designed for inside or outside use. It is a radio equipment accessory, class III electric apparatus, with a very low safety voltage ~12V. It is recommended to be used ONLY with the lighting systems of the SeaMAID range, working under the same voltage.

This radio remote switch complies with IP65 degree of protection.

This radio remote switch also complies with international safety standards for electric devices, especially the IEC 61059 – 1 : 2002 +A2.

### **3. INSTALLATION**

For a correct installation, the power socket which feeds the installation lamp will have to possess a device of protection by residual current with a maximal intensity of 30mA. This radio remote switch will be only connected to a ~12V security transformer with double winding.

The maximum power of the one channel switch is 120W and the maximum power of the four channels switch is 240W (120W per channel max).

The radio remote switch must be installed vertically against a smooth wall, antenna on the top of the box.

To increase the radio signal, it is recommended to install the radio remote switch outside with a direct view to the emitter.

The manufacturer is not responsible in any circumstances for assembly, installation or start-up of any electric components which have been inserted or handled at locations other than its own premises.

### **4. ASSEMBLY**

Before any installation, it is important to verify that the total power of the connected projectors is lower than the maxi power admitted by channel and by the radio remote switch.

- Before installing this switch, ensures that the power supply is turn OFF.
- Undo and remove the cover of the box
- Fix the box vertically against the selected smooth wall with antenna base on the top
- Screw the antenna on its base
- Connect the 12VAC power cable from the transformer to the INPUT connector (1)
- Connect the low voltage projector(s) on the corresponding channel
- Restore the current
- Proceed to the radio remote controller pairing
- Replace the cover and re-screw it
- Test all functions by pressing buttons **O** and **X** of each channel

### **5. MAINTENANCE**

This radio remote switch does not require any type of maintenance work. When the red LED of the remote controller does not light anymore, replace the 12V MN23 type alkaline battery.

In case of improperly working, please contact our customer service or the customer service of our dealer.

## **6. OPERATION**

The system works like an ON/OFF switch, driven by a radio remote controller. First use needs to proceed to a pairing process between the radio remote controller and the radio receiver installed in the box.

### **Pairing process :**

- Install the battery in the remote controller
- Press the black button on the electronic board of the switch (7)
- The red LED lights fixedly (8)
- Press any button of the remote controller
- The red LED flash and stops (8)
- The system is ready for use

### **Remote control function:**

On/Off: press **O** button

Program change: press **X** button

### **Channel synchronizing: (ref: 500750)**

To synchronize the 4 channels of the switch, press 20 seconds **X3 and X4** buttons together till getting a flashing confirmation of the connected lamps.

To unsynchronized the channels, press 20 seconds **O3 and O4** buttons together till getting a flashing confirmation of the connected lamps.

Metallic parts and electrical devices close to the radio switch can disturb the radio signal. In this case, it is recommended to install the switch in a better place or add a wired external antenna in option.

## **7. SAFETY WARNINGS**



- > Before any operation ensures that the main power supply is turned OFF
- > Do not handle with wet feet
- > Comply with the current standards regarding accident prevention
- > In this regard, the IEC 364-7-702 standards must be observed : **WIRING IN BUILDINGS, SPECIAL WIRING, SWIMMING POOLS.**
- > The persons in charge of the assembly of this product must have the qualification required for this kind of work.

## **8. GUARANTEE**

This radio switch is guaranteed 24 months against any material and/or manufacture defect (electronic components) from the date of delivery. (Keep the purchase invoice/receipt)

The switch is not guaranteed against problems coming from external shock, electric short-circuit or excessive screwing. The product is not guaranteed against electrical excessive voltage coming from the external power supply. (In this case, refer to the house insurance coverage)

This guarantee is conditioned with the strict respect of these instructions of assembly and maintenance. Under this guarantee, the only obligation falling on the manufacturer or distributor will be the free replacement or repair of the product or the element found defective by their after sale services. All the other expenses will be the responsibility of the purchaser. For any replacement or repair, the product must be subjected to an inspection to the after-sales service of the manufacturer or distributor.

The guarantee does not play in the event of apparent vice.

The defects and deteriorations caused by the fair wear and tear, the defects resulting from a wrong assembly and/or employment, and the modifications of the product carried out without the written and preliminary assent of the manufacturer are all also excluded.

## **9. ENVIRONMENTAL INFORMATION**



In accordance with the European Directive 2002/96/CE, concerning the electric and electronic component scrap (EEED), the consumer must turn over the used product to the collect points envisaged to this end.

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SEAMAID

<p><b>DECLARATION CE DE CONFORMITE</b>          Les produits énumérés ci-dessus sont conformes à :          La Directive de Compatibilité Electromagnétique 2014/30/UE.          La Directive des appareils à Basse Tension 2014/35/UE.          La Directive des appareils radio RED 201/53/UE.</p>	<p><b>EC DECLARATION OF CONFORMITY</b>          The products listed above are in compliance with :          Electromagnetic Compatibility Directive 2014/30/UE.          Low Voltage Directive 2014/35/UE.          Radio Directive RED 2014/53/UE.</p>
<p><b>DECLARACION CE DE CONFORMIDAD</b>          Los productos arriba enumerados se hallan conformes con:          Directiva de Compatibilidad Electromagnética 2014/30/UE.          Directiva de equipos de Baja Tensión 2014/35/UE.          Directiva de equipos de radio RED 2014/53/UE.</p>	<p><b>DICHIARAZIONE CE DI CONFORMITA</b>          I prodotti di cui sopra adempiono alle seguenti direttive:          Direttiva di Compatibilita Elettromagnetica 2014/30/UE.          Direttiva per gli apparecchi a Bassa Tensione 2014/35/UE.          Direttiva per gli apparecchi radio RED 2014/53/UE.</p>
<p><b>KONFORMITÄTSEKTLARUNG CE</b>          Die oben aufgeführten Produkte sind konform mit:          Richtlinie zur Elektromagnetischen Kompatibilität 2014/30/UE.          Richtlinie für Niederspannungsanlagen 2014/35/UE.          Richtlinie für Funkgeräte RED 2014/53/UE.</p>	

<p>FR / Signature :          EN / Signature:          ES / Firma:          IT / Firma:          DE / Unterschrift:</p>	<p><b>SAS ALPHADIF</b>          BP 355 – 1522 Avenue de Draguignan          83077 TOULON Cedex 9 – France</p>	<p>Toulon, le 01/08/2018</p>  <p>La Direction – Philippe POMA</p>
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FR / CARACTERISTIQUES TECHNIQUES  
 EN / TECHNICAL DATA  
 ES / CARACTERISTICAS TECNICAS  
 IT / DATI TECNICI  
 DE / TECHNISCHE ANGABEN

FR	EN	ES	IT	DE	500743	500750
Nombre de canaux	Channel number	Numero de canales	Numero di canali	Anzahl Kanäle	1	4
Pilotage	Driving	Control	Controllo	Bedienung	On/Off*	On/Off*
Ampérage entrée/sortie	Input/Output current	Amperaje Entrada/Salida	Amperaggio Entrata/Uscita	Stromstärke	10A Max.	4x10A Max. 20A Max
Puissance	Power	Potencia	Potenza	Leistung	120W	240W
Protection	Protection	Protección	Protezione	Schutzlast	20A	20A
Consommation en veille	Standby consumption	Consumo en vispera	Consumo in veglia	Verbrauch im Standby betrieb	80mA	4x80mA Max.
Température de fonction	Working temperature	Temperatura de función	Temperatura in funzione	Umgebungs-Temperatur	-40°C / +70°C	-40°C / +70°C
Conditions d'humidité	Working humidity	Condiciones de humedad	Condizioni d'umidità	Luftfeuchtigkeit	10% - 90%	10% - 90%
Connecteurs	Connectors	Conectores	Terminali	Anschlussklemmen	4 mm <sup>2</sup>	4 mm <sup>2</sup>
Indice IP	IP index	Indicio IP	Indizio IP	IP Index	IP65	IP65
Freq. radio	Radio freq.	Frec. radio	Freq. radio	Funkfrequenz	433MHz	433MHz

\*Télécommande incluse dans le kit / Remote controller provided / Mando a distancia incluido / Telecomando radio incluso / Funkfernbedienung im Lieferumfang enthalten

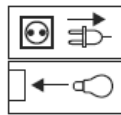
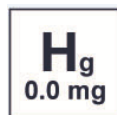
A UTILISER UNIQUEMENT AVEC UN TRANSFORMATEUR DE SECURITE  
 TO BE USED ONLY WITH A SECURITY TRANSFORMER  
 PARA USO EXCLUSIVO CON TRANSFORMADOR DE SEGURIDAD  
 DA UTILIZZARE ESCLUSIVAMENTE CON TRASFORMATORE DI SICUREZZA  
 NUR ZUSAMMEN MIT EINEM SICHERHEITSTRANSFORMATOR BENUTZEN



IP65



CLASS III  12 VAC



Fabriqué en Chine et importé par / Made in China and imported by / Fabricado en China y importado por / Fabricato in Cina e importato per / Hergestellt in China und eingeführt von: