Extron® Electronics
INTERFACING, SWITCHING AND DISTRIBUTION

User's Manual

RCP 1000
Remote Control Panel

Precautions

Safety Instructions • English

This symbol is intended to alert the user of important operating and maintenance (servicing) instructions in the literature provided with the equipment.

This symbol is intended to alert the user of the presence of uninsulated dangerous voltage within the product's enclosure that may present a risk of electric shock.

Caution

Read Instructions • Read and understand all safety and operating instructions before using the equipment.

Retain Instructions • The safety instructions should be kept for future reference.

Follow Warnings • Follow all warnings and instructions marked on the equipment or in the user information.

Avoid Attachments • Do not use tools or attachments that are not recommended by the equipment manufacturer because they may be hazardous.

Consignes de Sécurité • Français

Ce symbole sert à avertir l'utilisateur que la documentation fournie avec le matériel contient des instructions importantes concernant l'exploitation et la maintenance (réparation).

Ce symbole sert à avertir l'utilisateur de la présence dans le boîtier de l'appareil de tensions dangereuses non isolées posant des risques d'électrocution.

Attention

Lire les instructions• Prendre connaissance de toutes les consignes de sécurité et d'exploitation avant d'utiliser le matériel.

Conserver les instructions• Ranger les consignes de sécurité afin de pouvoir les consulter à l'avenir.

Respecter les avertissements • Observer tous les avertissements et consignes marqués sur le matériel ou présentés dans la documentation utilisateur.

Eviter les pièces de fixation • Ne pas utiliser de pièces de fixation ni d'outils non recommandés par le fabricant du matériel car cela risquerait de poser certains dangers.

Sicherheitsanleitungen • Deutsch

Dieses Symbol soll dem Benutzer in der im Lieferumfang enthaltenen Dokumentation besonders wichtige Hinweise zur Bedienung und Wartung (Instandhaltung) geben.

Dieses Symbol soll den Benutzer darauf aufmerksam machen, daß im Inneren des Gehäuses dieses Produktes gefährliche Spannungen, die nicht isoliert sind und die einen elektrischen Schock verursachen können, herrschen.

Achtung

Lesen der Anleitungen • Bevor Sie das Gerät zum ersten Mal verwenden, sollten Sie alle Sicherheits-und Bedienungsanleitungen genau durchlesen und verstehen.

Aufbewahren der Anleitungen • Die Hinweise zur elektrischen Sicherheit des Produktes sollten Sie aufbewahren, damit Sie im Bedarfsfall darauf zurückgreifen können.

Befolgen der Warnhinweise • Befolgen Sie alle Warnhinweise und Anleitungen auf dem Gerät oder in der Benutzerdokumentation.

Keine Zusatzgeräte • Verwenden Sie keine Werkzeuge oder Zusatzgeräte, die nicht ausdrücklich vom Hersteller empfohlen wurden, da diese eine Gefahrenquelle darstellen können.

Instrucciones de seguridad • Español

Este símbolo se utiliza para advertir al usuario sobre instrucciones importantes de operación y mantenimiento (o cambio de partes) que se desean destacar en el contenido de la documentación suministrada con los equipos.

Este símbolo se utiliza para advertir al usuario sobre la presencia de elementos con voltaje peligroso sin protección aislante, que puedan encontrarse dentro de la caja o alojamiento del producto, y que puedan representar riesgo de electrocución.

Precaucion

Leer las instrucciones • Leer y analizar todas las instrucciones de operación y seguridad, antes de usar el equipo.

Conservar las instrucciones • Conservar las instrucciones de seguridad para futura consulta.

Obedecer las advertencias • Todas las advertencias e instrucciones marcadas en el equipo o en la documentación del usuario, deben ser obedecidas.

Evitar el uso de accesorios • No usar herramientas o accesorios que no sean especificamente recomendados por el fabricante, ya que podrian implicar riesgos.

Warning

Power sources • This equipment should be operated only from the power source indicated on the product. This equipment is intended to be used with a main power system with a grounded (neutral) conductor. The third (grounding) pin is a safety feature, do not attempt to bypass or disable it.

Power disconnection • To remove power from the equipment safely, remove all power cords from the rear of the equipment, or the desktop power module (if detachable), or from the power source receptacle (wall plug).

Power cord protection • Power cords should be routed so that they are not likely to be stepped on or pinched by items placed upon or against them.

Servicing • Refer all servicing to qualified service personnel. There are no user-serviceable parts inside. To prevent the risk of shock, do not attempt to service this equipment yourself because opening or removing covers may expose you to dangerous voltage or other hazards.

Slots and openings • If the equipment has slots or holes in the enclosure, these are provided to prevent overheating of sensitive components inside. These openings must never be blocked by other objects.

Lithium battery • There is a danger of explosion if battery is incorrectly replaced. Replace it only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

Avertissement

Alimentations• Ne faire fonctionner ce matériel qu'avec la source d'alimentation indiquée sur l'appareil. Ce matériel doit être utilisé avec une alimentation principale comportant un fil de terre (neutre). Le troisième contact (de mise à la terre) constitue un dispositif de sécurité : n'essayez pas de la contourner ni de la désactiver.

Déconnexion de l'alimentation• Pour mettre le matériel hors tension sans danger, déconnectez tous les cordons d'alimentation de l'arrière de l'appareil ou du module d'alimentation de bureau (s'il est amovible) ou encore de la prise secteur.

Protection du cordon d'alimentation • Acheminer les cordons d'alimentation de manière à ce que personne ne risque de marcher dessus et à ce qu'ils ne soient pas écrasés ou pincés par des objets.

Réparation-maintenance • Faire exécuter toutes les interventions de réparation-maintenance par un technicien qualifié. Aucun des éléments internes ne peut être réparé par l'utilisateur. Afin d'éviter tout danger d'électrocution, l'utilisateur ne doit pas essayer de procéder lui-même à ces opérations car l'ouverture ou le retrait des couvercles risquent de l'exposer à de hautes tensions et autres dangers.

Fentes et orifices • Si le boîtier de l'appareil comporte des fentes ou des orifices, ceux-ci servent à empêcher les composants internes sensibles de surchauffer. Ces ouvertures ne doivent jamais être bloquées par des objets.

Lithium Batterie • Il a danger d'explosion s'Il y a remplacment incorrect de la batterie. Remplacer uniquement avec une batterie du meme type ou d'un ype equivalent recommande par le constructeur. Mettre au reut les batteries usagees conformement aux instructions du fabricant.

Vorsicht

Stromquellen • Dieses Gerät sollte nur über die auf dem Produkt angegebene Stromquelle betrieben werden. Dieses Gerät wurde für eine Verwendung mit einer Hauptstromleitung mit einem geerdeten (neutralen) Leiter konzipiert. Der dritte Kontakt ist für einen Erdanschluß, und stellt eine Sicherheitsfunktion dar. Diese sollte nicht umgangen oder außer Betrieb gesetzt werden.

Stromunterbrechung • Um das Gerät auf sichere Weise vom Netz zu trennen, sollten Sie alle Netzkabel aus der Rückseite des Gerätes, aus der externen Stomversorgung (falls dies möglich ist) oder aus der Wandsteckdose ziehen.

Schutz des Netzkabels • Netzkabel sollten stets so verlegt werden, daß sie nicht im Weg liegen und niemand darauf treten kann oder Objekte darauf- oder unmittelbar dagegengestellt werden können.

Wartung • Alle Wartungsmaßnahmen sollten nur von qualifiziertem Servicepersonal durchgeführt werden. Die internen Komponenten des Gerätes sind wartungsfrei. Zur Vermeidung eines elektrischen Schocks versuchen Sie in keinem Fall, dieses Gerät selbst öffnen, da beim Entfernen der Abdeckungen die Gefahr eines elektrischen Schlags und/oder andere Gefahren bestehen.

Schlitze und Öffnungen • Wenn das Gerät Schlitze oder Löcher im Gehäuse aufweist, dienen diese zur Vermeidung einer Überhitzung der empfindlichen Teile im Inneren. Diese Öffnungen dürfen niemals von anderen Objekten blockiert werden.

Litium-Batterie • Explosionsgefahr, falls die Batterie nicht richtig ersetzt wird. Ersetzen Sie verbrauchte Batterien nur durch den gleichen oder einen vergleichbaren Batterietyp, der auch vom Hersteller empfohlen wird. Entsorgen Sie verbrauchte Batterien bitte gemäß den Herstelleranweisungen.

Advertencia

Alimentación eléctrica • Este equipo debe conectarse únicamente a la fuente/tipo de alimentación eléctrica indicada en el mismo. La alimentación eléctrica de este equipo debe provenir de un sistema de distribución general con conductor neutro a tierra. La tercera pata (puesta a tierra) es una medida de seguridad, no puentearla ni eliminaria.

Desconexión de alimentación eléctrica • Para desconectar con seguridad la acometida de alimentación eléctrica al equipo, desenchufar todos los cables de alimentación en el panel trasero del equipo, o desenchufar el módulo de alimentación (si fuera independiente), o desenchufar el cable del receptáculo de la pared.

Protección del cables de alimentación • Los cables de alimentación eléctrica se deben instalar en lugares donde no sean pisados ni apretados por objetos que se puedan apoyar sobre ellos.

Reparaciones/mantenimiento • Solicitar siempre los servicios técnicos de personal calificado. En el interior no hay partes a las que el usuario deba acceder. Para evitar riesgo de electrocución, no intentar personalmente la reparación/ mantenimiento de este equipo, ya que al abrir o extraer las tapas puede quedar expuesto a voltajes peligrosos u otros riesgos.

Ranuras y aberturas • Si el equipo posee ranuras o orificios en su caja/alojamiento, es para evitar el sobrecalentamiento de componentes internos sensibles. Estas aberturas nunca se deben obstruir con otros objetos.

Batería de litio • Existe riesgo de explosión si esta bateria se coloca en la posición incorrecta. Cambiar esta batería únicamente con el mismo tipo (o su equivalente) recomendado por el fabricante. Desachar las baterias usadas siguiendo las instrucciones del fabricante.

Extron's Warranty

Extron Electronics warrants this product against defects in materials and workmanship for a period of two years from the date of purchase. In the event of malfunction during the warranty period attributable directly to faulty workmanship and/or materials, Extron Electronics will, at its option, repair or replace said products or components, to whatever extent it shall deem necessary to restore said product to proper operating condition, provided that it is returned within the warranty period, with proof of purchase and description of malfunction to:

USA, Canada, South America, and Central America:	Europe, Africa, and the Middle East:	Asia:
Extron Electronics 1230 South Lewis Street Anaheim, CA 92805, USA	Extron Electronics, Europe Beeldschermweg 6C 3821 AH Amersfoort The Netherlands	Extron Electronics, Asia 135 Joo Seng Road, #04-01 PM Industrial Bldg. Singapore 368363

This Limited Warranty does not apply if the fault has been caused by misuse, improper handling care, electrical or mechanical abuse, abnormal operating conditions or non-Extron authorized modification to the product.

If it has been determined that the product is defective, please call Extron and ask for an Applications Engineer at (714) 491-1500 (USA), 31.33.453.4040 (Europe), or 65.383.4400 (Asia) to receive an RA# (Return Authorization number). This will begin the repair process as quickly as possible.

Units must be returned insured, with shipping charges prepaid. If not insured, you assume the risk of loss or damage during shipment. Returned units must include the serial number and a description of the problem, as well as the name of the person to contact in case there are any questions.

Extron Electronics makes no further warranties either expressed or implied with respect to the product and its quality, performance, merchantability, or fitness for any particular use. In no event will Extron Electronics be liable for direct, indirect, or consequential damages resulting from any defect in this product even if Extron Electronics has been advised of such damage.

Please note that laws vary from state to state and country to country, and that some provisions of this warranty may not apply to you.

Table of Contents

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Chapter One

Introduction

Features

Introduction

The Extron RCP 1000 remote control panel provides complete remote control of the input, effect, and transition controls available on an SGS 408 seamless switcher. Bi-directional communication with the SGS 408 allows a switch to occur from either device while the other device is updated to reflect the switch.

Features

- **Brightness and contrast controls** — Adjust the brightness and contrast of an input.

- **Centering and sizing** — Allow the output to be centered or sized, both horizontally and vertically.

- **Horizontal and vertical filtering** — Provide up to eight levels of horizontal and five levels of vertical filter control. These operator-selectable filtering controls ensure that no picture detail is dropped.

- **Remote operation** — Can be operated up to 1000 feet (304.8 meters) away.

- **Power** — Receives power from the SGS 408.

- **Program and preview inputs** — Allow you to select the upcoming switch.

- **Transitions** — Control the type of switch that will occur between the preview and program outputs. The Cut button creates an instant switch between the preview and program outputs. The effect buttons allow the switcher operator to choose from among four predefined effects. The RCP 1000 effect presets are the same as the SGS 408 front panel effect presets.

RCP 1000 Remote Control Panel

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Chapter Two

Installation
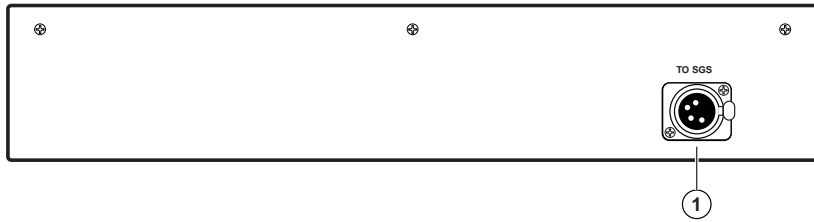
Installation

Rear Panel Connector

Figure 2-1 — RCP 1000 rear panel

① **RCP port** — One 4-pin XLR connector attaches the RCP 1000 to an SGS 408 seamless switcher.

Installation

To install and set up the RCP 1000, follow these steps:

1. Turn all of the equipment off. Make sure that the SGS 408 and all attached devices are turned off and, if applicable, disconnected from the power source.

2. Mount the SGS 408 as described in the *SGS 408 User's Manual* (Extron part number 68-520-01).

3. Set the RCP 1000 on a table or other flat surface.

4. Attach an RCP comm cable (provided with the RCP 1000) between the RCP port on the rear panel of the SGS 408 and the RCP port on the rear panel of the RCP 1000.

5. Continue the procedure for installing the SGS 408.

6. Attach power cords and plug the SGS 408 seamless switcher, input devices, and output devices into a grounded AC source.

7. Select an input from the RCP 1000 top panel buttons.

8. The image should now appear. If not, ensure that all devices are plugged in and receiving power. Check the cabling and make adjustments as needed. Select a different input to check for an image.

Making an RCP Comm Cable

Use the following guidelines to make an RCP cable:

• At one end, attach a female 4-pin XLR connector.

• At the other end, attach a male 4-pin XLR connector.

• Connect pins straight through.

• Use at least 18 gauge wire paired with 20 gauge wire for power (pin 1), 18 gauge wire paired with 20 gauge wire for ground (pin 4), and 20 gauge twisted-pair wire for communications (attach one pair to pin 3 and the other pair to pin 4).

• The cable can be up to 1000 feet (304.8 meters) long.

• Power is supplied by the SGS 408.

RCP 1000 Remote Control Panel

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Chapter Three

Operation

Top Panel Controls

Using the Picture Controls
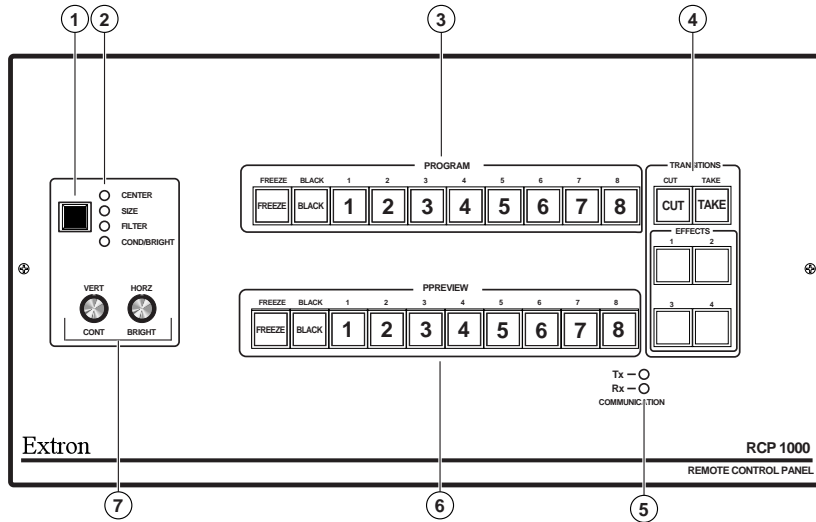
Applying a Switch

Operation

Top Panel Controls

Figure 3-1 — RCP 1000 top panel

① **Picture control button** — Allows you to toggle through the center, size, filter, and contrast/brightness picture controls, which are used to adjust the preview image. The program image is not affected by these controls (unless the current preview input is the same as the current program input).

② **Picture control LEDs** — Indicate the active picture control.

③ **Program input selection buttons** — Allow the system operator to view the image switch as it happens. The button for the currently selected program input is lit.

Freeze — Locks the output display to the image that is currently displayed on the program output.

When an image is frozen, a switch can still occur. When the output is switched, the freeze command stays in effect.

To unfreeze the image, press the Freeze button.

If an image is frozen when a different input is selected or if the unit loses power, the image unfreezes.

Black — Causes a black screen to be displayed. The black screen can be switched by applying a cut or another effect. A black input cannot be frozen.

1 – 8 — Selects the corresponding input to be displayed. Normally, you will not use these buttons during a show. If a program input selection button is pressed, the resulting switch is not seamless.

④ **Transition buttons** — Control the type of switch that will occur between program and preview outputs.

Cut button — Initiates an immediate seamless switch between the program and preview images.

Take button — Initiates the switch selected by the effects buttons.

Effects buttons — Control the effect, transition, and duration of transition effects. The effects can have a transition time of 0.2 to 5 seconds.

⑤ **SGS 408 Communication LEDs** — Light to indicate that the RCP 1000 is communicating with the SGS 408 unit. When the RCP 1000 is transmitting data to the SGS 408, the Tx LED is lit. When the RCP 1000 is receiving data from the SGS 408, the Rx LED is lit.

⑥ **Preview input selection buttons** — Allow the system operator to view the image before switching it to the program output. The button for the currently selected preview input is lit.

Freeze — Locks the output display to the image that is currently displayed on the preview output.

When an image is frozen, a switch can still occur. When the output is switched, the freeze command stays in effect.

To unfreeze the image, press the Freeze button.

If an image is frozen when a different input is selected or if the unit loses power, the image unfreezes.

Black — Causes a black screen to be displayed. The black screen can be switched by applying a cut or another effect. The black input cannot be frozen.

1 – 8 — Allow you to select the preview input device. The button is lit while the input is active.

⑦ **Adjustment knobs** — Allow you to make adjustments to the picture controls for the preview output. For example, if the contrast/brightness picture control is active, turning the left adjustment knob changes the contrast level, and turning the right adjustment knob adjusts the brightness level.

Operation, cont'd

Using the Picture Controls

The picture controls allow you to adjust the centering (center), sizing (size), filters (filter), and contrast/brightness (cont/bright) of the preview image.

Centering an image

To adjust the image centering, do the following:

1. Press and release the Picture control button until the Center LED lights.

2. To adjust the vertical centering, rotate the left adjustment knob.

3. To adjust the horizontal centering, rotate the right adjustment knob.

Sizing an image

To adjust the image size, do the following:

1. Press and release the Picture control button until the Size LED lights.

2. To adjust the vertical size (height), rotate the left adjustment knob.

3. To adjust the horizontal size (width), rotate the right adjustment knob.

Filtering an image

To apply a horizontal or vertical filter to an image, do the following:

1. Press and release the Picture control button until the Filter LED lights.

2. To change the vertical filter, rotate the left adjustment knob. Eight levels of vertical filter are available. Choose the filter that provides the most improvement to the image detail.

3. To change the horizontal filter, rotate the right adjustment knob. Eight levels of horizontal filter are available. Choose the filter that provides the sharpest image.

Adjusting contrast and brightness

To adjust the contrast and brightness of an image, do the following:

1. Press and release the Picture control button until the Cont/Bright LED lights.

2. To change the contrast, rotate the left adjustment knob.

3. To change the brightness, rotate the right adjustment knob.

Applying a Switch

You can switch the program and preview inputs using a variety of techniques. For a description of each technique, see the instructions for the technique.

Applying a cut

A cut seamlessly replaces the program image with the preview image. No effect is applied to the switch. As soon as the Cut button is pressed, the switch occurs.

To switch using a cut, do the following:

1. Press the preview input button that corresponds to the input that you want to switch to.

2. Press the Cut button. The seamless switch takes effect immediately, and the preview image becomes the new program image.

Applying other effects

NOTE *If you are using the RCP 1000 with an ECP 1000, all transition buttons except the Cut button are disabled. All effect switching must be done through the ECP 1000.*

Available effects

The SGS 408 provides a wide variety of effects:

• A dissolve causes the program image to fade out while the preview image fades in (figure 3-2).

Figure 3-2 — A dissolve effect

• A standard wipe causes the preview image to appear to unroll over the program image horizontally or vertically. A standard wipe can have either hard (sharp) or soft (fuzzy) edges. The preview image can have the following transitions (figure 3-3 on the next page):

• From left to right
• From right to left
• From top to bottom

• From bottom to top

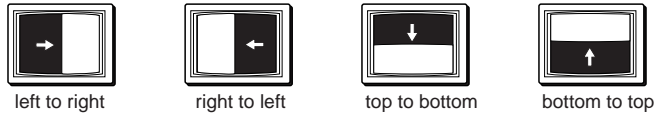left to right   right to left   top to bottom   bottom to top

Figure 3-3 — Standard wipe transitions

• A curtain wipe causes the preview image to appear to unroll over the program image in two directions simultaneously. A curtain wipe can have either hard (sharp) or soft (fuzzy) edges. The preview image can have the following transitions (figure 3-4):

    • In from the left and right edges of the screen to the center of the screen

    • Out from the center of the screen to the left and right edges of the screen

    • In from the top and bottom edges of the screen to the center of the screen

    • Out from the center of the screen to the top and bottom edges of the screen
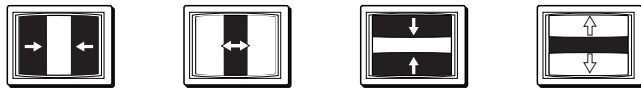

Figure 3-4 — Curtain wipe effects

• A plus wipe causes the preview image to appear to unroll over the program image in one of two transitions (figure 3-5):

    • Starting in all four corner of the screen and moving in to the center of the screen

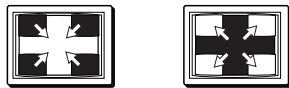   • Starting at the center of the screen and moving out to the corners of the screen

Figure 3-5 — Plus wipe effects

• A square wipe causes the preview image to appear to unroll over the program image in one of two transitions (figure 3-6):

    • Starting at all four edges of the screen and moving in to the center of the screen

    • Starting at the center of the screen and moving out to the edges of the screen

Figure 3-6 — Square wipe effects

• A title can have two effects: window or key.

A title window causes a predefined box in the program image to dissolve to reveal the preview image (figure 3-7). The effect is as if the preview image were located behind the program image, and a window in the program image opens to show the preview image.
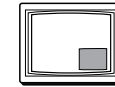

Figure 3-7 — A title effect

A title key causes any portion of the preview image which is over half intensity (.35V) to be displayed with the program image.

When the either title effect ends, the preview image disappears, and the program image is again intact.

NOTE   *The title box can be sized and centered anywhere on the screen. See chapter 3 of the* SGS 408 User's Manual *for more information.*

Implementing an effect

After an effect has been set up on the SGS 408, you can implement it from the RCP 1000. To implement an effect (other than a title — see "Implementing a title" below), do the following:

1. Press the preview input button to display the preview image on the preview monitor.

2. Press the Effect button for the desired effect. (If the button is already lit, you do not need to press it.)

3. When you want the effect to occur, press the Take button. The Take button lights, the effect occurs during the time specified by the duration, and the Take button light turns off.

Implementing a title

To implement a title, do the following:

Operation, cont'd

1. Press the preview input button to display the preview image on the preview monitor.

2. Press the Effect button that has been programmed for the title. (If the button is already lit, you do not need to press it.)

3. The title effect will either be window or key.
When you want the title to begin, press the Take button. If the title effect is window, a portion of the program image dissolves to reveal the preview window. If the title effect is key, any portion of the preview image which is over half intensity (.35V) will be displayed with the program image. The Take light remains on.

4. When you want to end the title effect, press the Take button again. The title dissolves during the time specified by the duration, and the Take button light turns off.

RCP 1000 Remote Control Panel

A
Appendix

Reference Information

Installing a Firmware Update

Specifications

Part Numbers

Reference Information

Installing a Firmware Update

NOTE *To install a firmware update, you may need to replace IC (integrated circuit) U11 or U16, or both. Replacing these ICs may result in loss of presets and other settings.*

1. Unplug the RCP comm cable from the rear panel of the RCP 1000.

   ⚠️ *Do not open the cover of the RCP 1000 without unplugging the RCP comm cable.*

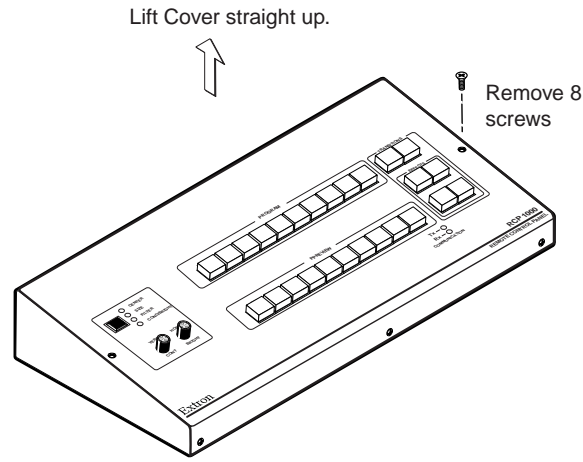2. Remove 8 screws from the back, top, and front of the cover (figure A-1).

Lift Cover straight up.

Remove 8 screws

Figure A-1 — Removing the cover

3. Lift the cover from the RCP 1000 unit, and place it next to the unit.

   WARNING *Make sure you are electrically grounded before touching IC chips. Electrostatic discharge (ESD) can damage IC chips, even if you cannot sense the discharge.*

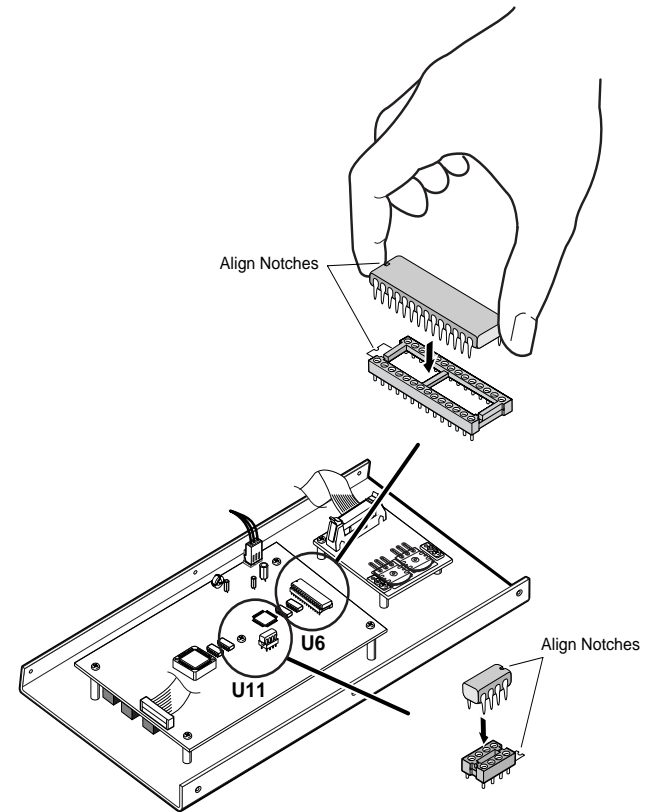4. Locate the ICs to be replaced (figure A-2). The update kit will list the specific ICs.

Align Notches

U6

U11

Align Notches

Figure A-2 — Locating and replacing ICs

5. Remove the existing chip and set it aside. Use a standard IC removal tool.

6. Install the new chip: Locate a notch or a printed dot on top of the IC. Align the notch or dot with the notch on the socket or circuit board. Align the IC pins with the holes in the socket, and gently press the IC into the socket.

7. Reinstall the cover of the RCP 1000.

8. Attach the RCP comm cable to the RCP 1000. Make sure the RCP 1000 is working correctly.

Specifications

General

Power	+12VDC, supplied via SGS 408
Temperature/humidity	Storage -40° to +158°F (-40° to +70°C) / 10% to 90%, non-condensing Operating +32° to +122°F (0° to +50°C) / 10% to 90%, non-condensing
Rack mount	No
Enclosure type	Metal
Enclosure dimensions	0.8" H x 13.1" W x 7.0" D 2.0 cm H x 33.3 cm W x 17.8 cm D
Shipping weight	5.5 lbs (2.5 kg)
Vibration	NSTA 1A in carton (National Safe Transit Association)
Approvals	CE, UL, FCC Class A
MTBF	30,000 hours
Warranty	2 years parts and labor

NOTE *Specifications are subject to change without notice.*

Part Numbers

Extron Part	Part Number
RCP 1000	60-343-01
SGS 408	60-341-01
ECP 1000	60-344-01
RCP comm cable – 25' (7.6 m)	26-519-01
RCP comm cable – 50' (15.2 m)	26-519-02
RCP comm cable – 100' (30.5 m)	26-519-03
RCP comm cable – 300' (91.4 m)	26-519-04
ECP comm cable – 25' (7.6 m)	26-434-01
ECP comm cable – 50' (15.2 m)	26-434-02
SGS 408 Control Program	29-049-01
RCP 1000 User's Manual	68-519-01
SGS 408 User's Manual	68-520-01
ECP 1000 User's Manual	68-518-01
DVI option kit	70-122-01