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RODGERS
Two Manual Organs
A658 – A678
T788 – T798 – T808 – T838
OWNER'S GUIDE

SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS

IMPORTANT SAFETY INSTRUCTIONS

WARNING: WHEN USING THIS INSTRUMENT, ALWAYS FOLLOW BASIC SAFETY PRECAUTIONS, INCLUDING THE FOLLOWING:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. To reduce the risk of injury, supervise children closely when they are around the instrument.
15. Use of this instrument, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. DO NOT operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.
16. Protect the instrument from dust as much as possible.
17. Connect the instrument to a power source only of the type described in the operating instructions or as marked on the instrument.
18. Turning off the instrument at the main power switch does not ensure that the instrument is completely powered off. To completely power off the instrument, unplug the power cord of the instrument from the power source. The power cord should be readily accessible to allow easy disconnect of the instrument power cord from the power source. Do not pull the cord to unplug. Hold the plug when unplugging from the power source.
19. When setting up with other instruments or peripherals, follow the procedures in accordance with Rodgers' owner's manual.
20. Use only the attached power supply cord. Also, the supplied power cord must not be used with any other device.
21. Speaker wiring must be installed by professional or service personnel.

Lithium battery warning

Caution: Danger of explosion if lithium battery is incorrectly replaced. Replace only with same or equivalent type.

Manually operated mains power switch

Caution: The mains power switch does not completely disconnect this equipment from the mains power when the switch is in the off position. Remove power cord from mains outlet when servicing equipment.

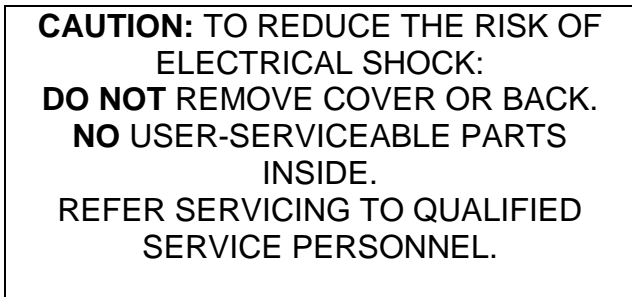
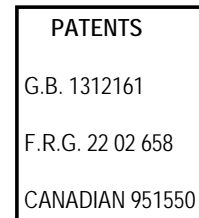
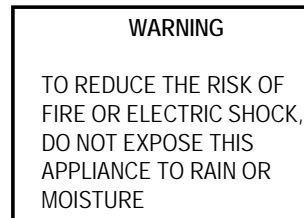
You must GROUND instruments equipped with a TYPE AC, 3 WIRE GROUNDED PLUG.

This apparatus with Class I construction shall be connected only to mains socket outlet with a protective earthing connection.

WARNING: EXTERNAL SPEAKER WIRING TO BE INSTALLED ONLY BY PROFESSIONAL OR SERVICE PERSONELL.



ATTENTION: RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" with the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.

The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operating instructions in the literature accompanying the product.

FCC NOTICE

Radio and Television Interference

Rodgers organs use and generate small amounts of radio-frequency (RF) energy. The instrument complies with the limits set for Class B computing devices. FCC Rules, Part 15, Subpart J define the limits for radio and television interference in a residential installation.

Follow the installation and the use instruction in the manual, or the instrument could potentially cause interference with some radio or television reception. In the unlikely event this occurs, we encourage the user to try the following corrective measures:

- ✓ Turn the instrument OFF to see if it is the actual source of the interference.
- ✓ Disconnect the peripheral devices and their input/output cables one at a time. If the interference stops, the peripheral device or its I/O cable is the cause.
- ✓ Coil and uncoil the instrument's power cord in different ways.
- ✓ Connect the instrument's power cord to a power outlet on a different circuit.
- ✓ Move the instrument further away from the radio or television receiver.
- ✓ Turn the radio or television receiver until the interference stops.
- ✓ Connect the radio or television receiver to a different power circuit.
- ✓ Reorient or move the receiver antenna further away from the instrument.
- ✓ Consider installing a rooftop antenna with coaxial cable lead-in between the antenna and receiver.
- ✓ Consult the nearest Rodgers dealer for more information if the above corrective measures don't remove the interference.

SAVE THESE INSTRUCTIONS

About the GPL/LGPL Software Used In This Product

This product is using some GNU General Public License (GPL) / GNU Lesser General Public License (LGPL) software. You have the right to acquire, modify and distribute the source code for this GPL/LGPL software.

You can obtain the GPL/LGPL source code used in this product by downloading it from the following website:

<http://www.roland.com/support/gpl/>

RECYCLING NOTICE

For EU Countries



- UK** This symbol indicates that in EU countries, this product must be collected separately from household waste, as defined in each region. Products bearing this symbol must not be discarded together with household waste.
- DE** Dieses Symbol bedeutet, dass dieses Produkt in EU-Ländern getrennt vom Hausmüll gesammelt werden muss gemäß den regionalen Bestimmungen. Mit diesem Symbol gekennzeichnete Produkte dürfen nicht zusammen mit den Hausmüll entsorgt werden.
- FR** Ce symbole indique que dans les pays de l'Union européenne, ce produit doit être collecté séparément des ordures ménagères selon les directives en vigueur dans chacun de ces pays. Les produits portant ce symbole ne doivent pas être mis au rebut avec les ordures ménagères.
- IT** Questo simbolo indica che nei paesi della Comunità europea questo prodotto deve essere smaltito separatamente dai normali rifiuti domestici, secondo la legislazione in vigore in ciascun paese. I prodotti che riportano questo simbolo non devono essere smaltiti insieme ai rifiuti domestici.
Ai sensi dell'art. 13 del D.Lgs. 25 luglio 2005 n. 151.
- ES** Este símbolo indica que en los países de la Unión Europea este producto debe recogerse aparte de los residuos domésticos, tal como está regulado en cada zona. Los productos con este símbolo no se deben depositar con los residuos domésticos.
- PT** Este símbolo indica que nos países da UE, a recolha deste produto deverá ser feita separadamente do lixo doméstico, de acordo com os regulamentos de cada região. Os produtos que apresentem este símbolo não deverão ser eliminados juntamente com o lixo doméstico.
- NL** Dit symbool geeft aan dat in landen van de EU dit product gescheiden van huishoudelijk afval moet worden aangeboden, zoals bepaald per gemeente of regio. Producten die van dit symbool zijn voorzien, mogen niet samen met huishoudelijk afval worden verwijderd.
- DK** Dette symbol angiver, at i EU-lande skal dette produkt opsamles adskilt fra husholdningsaffald, som defineret i hver enkelt region. Produkter med dette symbol må ikke smides ud sammen med husholdningsaffald.
- NO** Dette symbolet indikerer at produktet må behandles som spesialavfall i EU-land, iht. til retningslinjer for den enkelte regionen, og ikke kastes sammen med vanlig husholdningsavfall. Produkter som er merket med dette symbolet, må ikke kastes sammen med vanlig husholdningsavfall.
- SE** Symbolen anger att i EU-länder måste den här produkten kasseras separat från hushållsavfall, i enlighet med varje regions bestämmelser. Produkter med den här symbolen får inte kasseras tillsammans med hushållsavfall.
- FI** Tämä merkintä ilmaisee, että tuote on EU-maissa kerättävä erillään kotitalousjätteistä kunkin alueen voimassa olevien määräysten mukaisesti. Tällä merkinnällä varustettuja tuotteita ei saa hävittää kotitalousjätteiden mukana.
- HU** Ez a szimbólum azt jelenti, hogy az Európai Unióban ezt a terméket a háztartási hulladéktól elkülönítve, az adott régióban érvényes szabályozás szerint kell gyűjteni. Az ezzel a szimbólummal ellátott termékeket nem szabad a háztartási hulladék közé dobni.
- PL** Symbol oznacza, że zgodnie z regulacjami w odpowiednim regionie, w krajach UE produktu nie należy wyrzucać z odpadami domowymi. Produktów opatrzonych tym symbolem nie można utylizować razem z odpadami domowymi.
- CZ** Tento symbol udává, že v zemích EU musí být tento výrobek sbírán odděleně od domácího odpadu, jak je určeno pro každý region. Výrobky nesoucí tento symbol se nesmí vyhazovat spolu s domácím odpadem.
- SK** Tento symbol vyjadruje, že v krajinách EÚ sa musí zber tohto produktu vykonávať oddelene od domového odpadu, podľa nariadení platných v konkrétnej krajine. Produkty s týmto symbolom sa nesmú vyhazovať spolu s domovým odpadom.
- EE** See sümbol näitab, et EL-i maades tuleb see toode olemprügist eraldi koguda, nii nagu on igas piirkonnas määratletud. Selle sümboliga märgitud tooteid ei tohi ära visata koos olmeprügiga.
- LT** Šis simbolis rodo, kad ES šalyse šis produktas turi būti surenkamas atskirai nuo buitinių atliekų, kaip nustatyta kiekviename regione. Šiuo simboliu paženklinėti produktai neturi būti išmetami kartu su buitiniomis atliekomis.
- LV** Šis simbols norada, ka ES valstīs šo produktu jāievāc atsevišķi no mājāsaimniecības atkritumiem, ka noteikts katra reģiona. Produktus ar šo simbolu nedrīkst izmest kopā ar mājāsaimniecības atkritumiem.
- SI** Ta simbol označuje, da je treba proizvod v državah EU zbirati ločeno od gospodinjjskih odpadkov, tako kot je določeno v vsaki regiji. Proizvoda s tem znakom ni dovoljeno odlagati skupaj z gospodinjjskimi odpadki.
- GR** Бхфъ фп уэмвлпл длэлюней ъфй уфйт чюсет фэт ЕЕ, фп рспъын бхфъ рс'Эрей нб ухлл'Эгефбй оечсйсуфъ брь фб пйкйбкь брпссЯммбфб, уэмщнб ме фз нпмпиеуЯб фэт кьне рсйпчЮт. Фб рспъынфб рпх ц'Эспхн бхфъ фп уэмвлпл ден рс'Эрей нб брпссЯрфпнфбй мбжЯ ме фб пйкйбкь брпссЯммбфб.

CHINESE NOTIFICATION

For China

有关产品中所含有害物质的说明



本资料就本公司产品中所含的特定有害物质及其安全性予以说明。
本资料适用于 2007 年 3 月 1 日以后本公司所制造的产品。

环保使用期限



此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在自制造日起的规定期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。
环保使用期限仅在遵照产品使用说明书，正确使用产品的条件下才有效。
不当的使用，将会导致有害物质泄漏的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
外壳(壳体)	○	○	○	○	○	○
电子部件(印刷电路板等)	×	○	×	○	○	○
附件(电源线、交流适配器等)	×	○	×	×	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。
×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。
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INTRODUCTION

Grand, glorious sound is the hallmark of the Rodgers organ. Providing a rich and spacious ensemble sound complemented by crystal-clear definition, the Rodgers organ will take you to new musical heights, while sustaining the tradition of quality, craftsmanship and innovation you've come to expect from Rodgers.

Dimensional Sound Modeling[®] is the 21st century standard in the art of digital organ building. This technology ushers in a new era of choice and control to create authentic pipe organ sound and room acoustics as never before possible. Dimensional Sound Modeling[®] technology takes you from virtual to reality. With unmatched user control over every major facet of the organ, you can create a sound and an acoustical environment modeled to your taste and musical needs.

Rodgers' exclusive Voice Palette™ system allows you to easily access numerous additional sounds. These voices, available as alternate selections behind many stops, greatly expand the tonal resources of the instrument. Each selection can be easily stored in the organ's memory system, allowing you to authentically recreate virtually any musical style or individual performance desired with the push of a button.

With remarkable flexibility, superior sound and the option of adding real pipes at any time, the Rodgers organ is a perfect choice for any home, concert or worship setting. Built entirely in Oregon by dedicated, expert craftsmen, our consoles are meticulously handcrafted of hardwoods and veneers, and are designed to the exacting standards of the American Guild of Organists.

This manual will help with the exploration of the expansive capabilities and the variety of features and functions offered by this instrument. As highly sophisticated as the Rodgers organ is, the features are easy to use and easy to access, creating a most satisfying musical experience for the player and listener alike. To keep abreast of the latest news and other items of interest, visit the Rodgers website at: www.rodgersinstruments.com.

Two operational guides are included with the Rodgers organ.

Owner's Guide

Use this guide to familiarize yourself with the basic operation and functions of the instrument.

Advanced Features Reference Guide (referred to in this guide as the AG)

This guide provides in-depth descriptions and explanations of the many advanced controls and features of the Rodgers organ.

! You'll also find helpful hints and additional details in italics like this.

To get started, here is an overview of the basic operations of the Rodgers organ.

Turn On/Turn Off



Turning On:

Depending on model, press and hold the top of the On/Off rocker switch for approximately 2 seconds and release or press the top of the On/Off switch labeled (—) until it locks into place. The instrument identification message appears in the display window. The organ then performs a diagnostic test of its systems over the next few seconds. When completed, the display window reads **TRANSPOSER 0**. The organ is ready to play.



Turning Off:

Press and hold the bottom of the On/Off rocker switch for no more than 1-2 seconds and release, or press the bottom of the On/Off switch labeled (O) until it locks into place.

! Depending on model, the organ may be equipped with an Automatic Shutdown feature. See the AG.

Manuals and Pedalboard

The organ has keyboards played by the hands, commonly referred to as **manuals**. Each manual plays an assortment of **stops**. The group of stops associated with a keyboard is known collectively as a **division**. The keyboard played by the feet is referred to as the **pedalboard**, and stops played by the pedalboard make up the **Pedal division**.

Two manual organs contain, in order from bottom to top, the **Great Manual**, and the **Swell Manual**.

Activating Stops

The term **Stop** is used to describe a single voice or control on an organ. Stops are activated by **Rocker Tablets** (tabs) and/or **Drawknobs**. Depending on model, a Stop may also be activated by a piston (i.e. chimes). Stops may be a Speaking Stop (controlling a voice) or a Non-speaking

Stop (such as a Tremulant or a Coupler). The organ will produce sound if a Speaking Stop is activated and any keys or pedals that control that **division** are pressed.



To activate a stop or control, press the bottom of the tab or pull the drawknob, and release.

To deactivate a stop or control, press the top of the tab or push the drawknob, and release.

! Many stops have more than one voice to choose from. This is referred to as the *Rodgers Voice Palette*TM. See the AG.

Couplers – Depending on model, different coupler types are available.



Intermanual Couplers

An **Intermanual Coupler** is a control that allows a division of the organ to be played from a different manual or the pedalboard. They most often function from tabs located above the Swell manual (also called the tab rail). For example, by activating the **Swell to Great 8'** coupler, stops selected in the Swell division will play from the Great manual. ("*Swell to Great*" literally means, "connect the *Swell* division *to* the *Great* manual"). Intermanual Couplers allow you to control a larger portion of the organ from one manual or the pedalboard and are useful in achieving larger and more varied registrations.

The pitch designation (8' and 4') specifies the pitch at which the division is to be coupled. 8' is *concert pitch* in organ nomenclature; when using an 8' coupler, the division is coupled at its normal pitch.

4' pitch is an octave above 8' pitch. When a 4' coupler is used, the division is coupled an octave higher than normal. This nomenclature is similar to the pitch designation used in organ stops.

8' intermanual couplers are commonly used when building large ensemble registrations, whereas 4' couplers are usually not employed.

4' couplers are often used with celeste stops in more gentle registrations; they effectively increase the number of notes that are sounding and increase the warmth and breadth of the ensemble.

Intramanual Couplers

Intramanual couplers are different from **inter**manual couplers in that they operate within a single organ division. These couplers allow you to play stops of the organ at a different pitch level on the *same* manual where the stop is located. These couplers are often referred to as **Sub Couplers** and **Super Couplers**. For example, by activating the **Swell to Swell 16'** coupler (**Sub**), the stops selected in the Swell division will sound one octave lower than the key played on the Swell manual. An exception is the first octave where the lowest 12 notes will only sound at unison pitch. With the **Swell to Swell 4'** coupler (**Super**) activated, the stops selected in the Swell division will sound one octave higher than the key played on the Swell manual. An exception is the last octave where the highest 12 notes will not play if the selected stop is 2' or shorter.

Another example of intramanual couplers is **UNISON OFF**. The **SWELL UNISON OFF** coupler silences notes at concert or *unison* pitch (hence, the name) on the swell manual. For example, selecting the **SWELL UNISON OFF** coupler would cause activated stops in the Swell division to be silent even when notes are played on the Swell manual. The Unison Off couplers are useful when you want to couple a division somewhere else without having it sound on its assigned manual (i.e., you want to couple stops in Swell division to the Great but don't want them to play from the Swell manual).

MIDI Couplers



MIDI couplers, depending on model, are located under their respective manuals on pistons (commonly referred to as **thumb pistons**) or on rocker tabs located on the tab rail.

The couplers labeled **MIDI SW A** and **MIDI SW B** for the Swell Manual, **MIDI GT A** and **MIDI GT B** for the Great Manual, and **MIDI PED A** and **MIDI PED B** for the pedals allow sounds from an **external sound module** to be played from different divisions of the organ.

If the instrument has **internal** orchestral voices the MIDI couplers will be labeled **ORCH/MIDI SWELL** or **MIDI ORCH SW A** and **MIDI ORCH SW B** for the Swell Manual, **ORCH/MIDI GREAT** or **MIDI ORCH GT A** for the Great Manual and **ORCH/MIDI PEDAL** or **MIDI ORCH PD A** or **MIDI ORCH PD B** for the pedals. As such, these couplers are dual function; they can access the self-contained **internal orchestral sounds**, or control the sounds of an **external sound module**.



To assign internal sounds on instruments with **ORCH/MIDI** couplers:

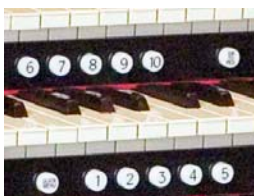
1. Press and hold the **SET** piston.
2. Push the lower part of the appropriate **ORCH/MIDI** coupler tab (Swell, Great or Pedal) or press the respective **MIDI ORCH** Piston (SW A or B, GT A or B, or PD A or B).
3. Rotate the Alpha dial until the desired sound appears in the display.
4. Press Cancel (**0**) to exit. The selected sound is now set to play with the **MIDI/ORCH** tab turned on.
5. This instrument will ‘remember’ the selected sounds the next time the organ is turned on **ONLY** if you save your **ORCH/MIDI** sound settings to a general or divisional combination piston.

! For assigning sounds from an external sound module see the AG.

Using Pistons to Select Registrations

Experiment with various combinations of stops and couplers and start to get a feel for the tremendous versatility of the Rodgers organ. In organ terms, these combinations of stops and couplers are referred to as **registrations**. Once a desirable registration is found, it can be recalled quickly and easily. This is done using the **combination action pistons** of the organ. You can store and recall stops, couplers, pistons and even MIDI settings at the touch of a button.

General Pistons



Toe Pistons



Divisional Pistons



These pistons are located beneath the manuals of the organ or adjacent to the expression shoes. Pressing a piston will cause its stored registration to be recalled instantly. Each of the available pistons in the Rodgers combination action can be easily changed to suit your particular needs and tastes. The Rodgers organ has two different types of combination action pistons, **general** and **divisional** pistons.

General Pistons

General pistons affect all divisions of the organ simultaneously. Up to 10 General pistons are available, depending on model. They are located on thumb pistons under the left-hand side of the Great and Swell manuals. In addition, they may also be duplicated on **toe pistons** adjacent to the expression shoes. To recall a registration stored on a general piston, you could press either the corresponding thumb piston or toe piston; in other words, to select general piston 3, you could either press thumb piston 3 under the Great manual or toe piston 3. The duplication of pistons allows you to use either your hand or foot to recall the same registration, depending on what is most convenient.

Divisional Pistons

Divisional pistons affect a single division. There are up to five divisional pistons for the Great and Swell divisions. These pistons are located under the corresponding manual. For example, Great divisional pistons are located underneath the Great manual near the middle of the keyboard. Swell divisional pistons are centered below the Swell manual.

Some Rodgers models also feature Pedal divisional pistons. They are located on the toe pistons adjacent to right of the expression shoes.

General and Divisional Cancel



When **TRANSPOSER** is displayed in the window, ALL stops, couplers and MIDI settings can be cleared by pressing the **General Cancel** piston (0).

Setting a Piston

The Rodgers organ is equipped with factory registrations, each of which can be used for a wide variety of musical effects. However, the contents of any piston can be easily changed to suit your particular needs. To set a new registration on a piston:

1. Select the desired stops, couplers and MIDI settings.
2. Press and hold the **SET** piston. While continuing to hold SET, press the piston (General or Divisional) to be programmed.
3. Release both pistons. The new registration is now stored for later recall.

! *A memory level must be unlocked before it can be changed. See below.*

Combination Memory Levels

Rodgers advanced combination action systems have up to 100 memory levels depending on model. This effectively multiplies the number of available combination pistons by up to 100. Combinations stored in one memory level don't affect those stored on other memory levels; each memory level is independent.

Many organists keep regularly used registrations, such as those used for hymns, on one memory and use other memory levels for preludes, postludes and choral accompaniments, which may change week to week.*

*Note: A variety of useful registrations have already been stored when the organ arrives from the factory.

Selecting Memory Levels



Memory Levels can be selected by pressing the corresponding piston **M1**, **M2**, **M3**, etc. or the pistons labeled **M+**, or **M-** depending on model. When **M+** and **M-** are used, the selected memory level appears in the display window. Pistons labeled M1, M2, and M3 etc. will light or display the memory level in the display window.

To select a memory level:

Press the corresponding memory piston (**M1**, **M2**, **M3**, etc.). The piston will light or press the **M+** piston **or** **M-** piston until the desired level 1 thru 100 (labeled 0), depending on model, is displayed in the window. In either case, **M1** is automatically selected when the organ is turned on.

! *With Rodgers Memory Card System™ or USB data port unlimited memory levels are available. See the AG*

Console Displays, Indicators, and Menus

The Rodgers organ is equipped with an informative display for many of the console functions described in this section. The Console Display normally indicates the Transposer setting; however, it can be used to adjust many other controls and preferences including MIDI settings, Voice Palette selections, Dimensional Sound Modeling® parameters, Tremulant rate and depth, and many others.

Two controls are used to select and modify the features found in the Console Display. The smaller knob is the **Select** knob; it is used to select the menu item to be changed. The larger dial is called the **Alpha** dial; it is used to change the settings in a selected menu. Most of the features that can be modified in the Console display will follow this pattern:

Alpha Dial – always the larger dial and changes the selected item



Select Knob – always the smaller knob and selects the item **OR**

The **Alpha** dial and **Select** knob may also be configured and shown below.



Locking a Combination Memory

When shipped from the Rodgers factory, all memory levels are unlocked so that pistons can be easily changed. If desired, each memory level can be locked individually so that it cannot be changed.

On instruments with combination action pistons **M1**, **M2**, etc., any memory level can be locked using the following procedure:

1. Press and hold the memory piston (**M1**, **M2**, **M3**, etc.) corresponding to the memory level you want to lock until the memory bank screen appears. **Internal** or **Memory Card** and (#) **Unlocked** or (#) **Locked** appears in the display.
2. If (#) **Unlocked** appears, go to step 3. If (#) **Locked** appears, the memory level is already locked.
3. Turn the **Select** knob to highlight **Unlocked**.
4. Rotate the **Alpha** dial to select **Locked**. The memory is now locked and that memory level cannot be changed.
5. Press and hold **Cancel (0)** until **Transposer 0** appears in the display.

On instruments with the **M+** and **M-** pistons, memory level may be locked using the following procedure:

1. Use **M+** or **M-** pistons to select the memory level to be locked.
2. Press and hold **SET** then press and release **M+**.
3. Turn the **Select** knob to highlight **Unlocked**.
4. Rotate the **Alpha** dial to highlight **Locked**.
5. Press and hold **Cancel (0)** until **Transposer 0** appears in the display.

Unlocking a Combination Memory

On instruments with combination action pistons **M1**, **M2**, etc., any memory level can be locked using the following procedure:

1. Press and hold the memory piston (**M1**, **M2**, **M3**, etc.) corresponding to the memory level you want to lock until the Memory Bank screen appears. **Internal** or **Memory Card** and **(#) Unlocked** or **(#) Locked** appears in the display.
2. If **(#) Locked** appears, go to step 3. If **(#) Unlocked** appears, the memory level is already unlocked.
3. Turn the **Select** knob to highlight **Locked**.
4. Rotate the **Alpha** dial to select **Unlocked**. The memory is now unlocked and that piston can be changed.

On instruments with the **M+** and **M-** pistons, memory level may be unlocked using the one of the following procedures:

1. Use **M+** or **M-** pistons to select the memory level to be unlocked.
2. Press and hold **SET** then press and release **M+**.
3. Turn the **Select** knob to highlight **Locked**.
4. Rotate the **Alpha** dial to highlight **Unlocked**.

Restoring Factory Combination Settings

If the original factory settings have been overwritten or erased, and you would like to restore them, use the following procedure:

1. Press and hold the memory piston to be restored (**M1**, **M2**, or **M3**) until the Memory Bank screen appears. The display shows **Memory Bank** and **Unlocked** or **Locked** (if locked, see the unlocking procedure in the previous section).
2. Turn the **Select** knob until **Restore Factory** appears in the display.
3. Press and release **SET**.
4. Turn the **Select** knob highlight **No**.
5. Rotate the **Alpha** dial to highlight **Yes**.
6. Press and release **SET**.
7. Press and hold **Cancel (0)** until **Transposer 0** appears in the display.
8. Power the instrument off and on. The selected memory has been restored to factory defaults.

To restore the default setting using the **M+** and **M-**, use one of the following procedures:

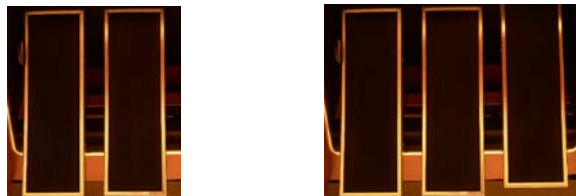
1. Use **M+** or **M-** pistons to select the memory level to be unlocked.
2. Press and hold **SET** and press **M+**. The display shows **Memory Bank** and **Unlocked** or **Locked** (if locked, see the unlocking procedure in the previous section).
3. Turn the **Select** knob until **Restore Factory** appears in the display.
4. Press and release **Quick Menu**.
5. Turn the **Select** knob highlight **No**.
6. Rotate the **Alpha** dial to highlight **Yes**.
7. Press and release **SET**.
8. Press and hold **Cancel (0)** until **Transposer 0** appears in the display.
9. Power the instrument off and on.

The selected memory has been restored to factory defaults.

Reversibles

Rodgers organs are equipped with a number of **reversible** controls, so named because pressing them once will activate the function, pressing them again will deactivate the function. These reversibles, located on thumb and toe pistons, are especially useful in a performance when you want to quickly activate or remove a single coupler, stop or other setting. For example, the **Great to Pedal** coupler piston is a **reversible**. Press the thumb or toe piston to turn on, and press again to turn off. All reversible thumb pistons light when activated.

Expression Shoes and Controls



Depending on model, Rodgers two manual organs have one or two **Expression Shoes** or two **Expression Shoes** and a **Crescendo Shoe** used to control the volume and registration of the organ. Additionally, depending on the model, the right expression shoe may have the dual function of being an expression shoe or may be switched to perform as a Crescendo Shoe. If this is the case, the organ will have a tab or piston labeled ‘Crescendo’ to change the functionality.

When the expression shoe is pressed forward, the volume of the division is increased. When the shoe is drawn back, the volume of the division decreases. The positions of the two expression shoes are displayed on two expression indicators.

Crescendo Shoe and Controls

Depending on model, the Crescendo shoe is slightly raised and to the far right. This shoe gradually adds a predetermined selection of stops as it is pressed forward. It does not affect the stops already in use on the organ but merely adds to them as the Crescendo is activated. Closing the Crescendo shoe subtracts the stops in reverse order. Stops added by the Crescendo shoe do not indicate they are activated. In organs equipped with a crescendo function there will be a Crescendo indicator showing the position of the Crescendo shoe.

Standard and Alternate Crescendo Sequences

All Rodgers organs are equipped with a **Standard Crescendo** sequence that is classical in nature. Depending on model, an **Alternate Crescendo** sequence, more romantic in nature, may also be available.

The Standard Crescendo sequence is available when the organ is first turned on, and anytime the **ALT CRESC** piston is unlit. Pressing the **ALT CRESC** reversible piston so that it lights engages the Alternate Crescendo sequence.

! The Standard and Alternate Crescendo sequences can each be reprogrammed to use a different sequence of stops. See the AG.

There are also a number of very useful features that allow you to modify the way the organ is expressed (i.e., how the volume is controlled). Each of these particular controls is activated by a thumb piston, which can be set in a general combination. If the thumb piston is lit, the control is activated.

Great/Pedal Enclosed

On some Rodgers organs the Great and Pedal divisions are **unenclosed**; that is, their volume is unaffected by movements of the expression shoes. This allows the organist to change the volume of the Choir, Swell and Solo divisions while the volume of Great and Pedal divisions' remains constant. There are times, however, when it is desirable to have the Great and Pedal divisions "under expression", that is, affected by movement of the expression shoes. When activated, the **GT PED ENCL** piston is lit, and the Great and Pedal divisions change to **enclosed**; that is, their volume is now controlled by the Choir expression shoe.

Great/Pedal Unenclosed

Other Rodgers models feature Great and Pedal divisions that are **enclosed**; that is, their volume is affected by movements of the expression shoes. This allows the organist to change the volume of the Choir, Swell and Solo divisions as well as the volume of the Great and Pedal divisions'.

There are times, however, when it is desirable to have the Great and Pedal divisions **unenclosed**; that is, not affected by movement of the expression shoes. When activated, the **GT PED**

UNENCL piston is lit, the Great and Pedal divisions change to **unenclosed** and their volume is no longer controlled by the Choir expression shoe.

Festival Trumpet Enclosed

In the same way, the **Festival Trumpet 8'** and solo reeds (FFF) are normally unenclosed; that is, not affected by the expression shoes. However, when the **FEST TR ENCL** (may be engraved as **FFF REEDS ENCL**) piston or tab is activated, the **Festival Trumpet 8'** and the other FFF reeds stop are enclosed and will be expressed by the appropriate divisional shoe.

All Swells

There are times when it is desirable to use a single expression shoe to control all divisions under expression. When the **ALL SWELLS** piston is lit, the Choir, Swell and Solo divisions are all assigned to the Swell expression shoe, allowing you to easily control the volume of every enclosed division.

*! If **ALL SWELLS**, **GT-PD ENCL** and **FEST TR ENCL (FFF REEDS ENCL)** are all activated, the entire organ is enclosed and can be expressed by the Swell expression shoe.*

*In organs with the Crescendo Tab or Piston to change the function of the right expression shoe to Crescendo, the organ will change to **ALL SWELLS** and all expression will be controlled by the left shoe.*

Transposer

The Transposer allows you to change the key of music played. Commonly, this is used to accommodate a soloist or instrumentalist who prefers accompaniment in a different key than what is written or to easily raise or lower the pitch of a hymn. The Transposer position is normally shown in the Console Display. If another screen appears in the display (i.e., while programming a specific parameter), you can easily return to the Transposer by pressing the **General Cancel (0)** or **STOP** thumb piston until **TRANSPOSER** appears in the display. Turning the Select knob while **TRANSPOSER 0** is displayed lowers or raises the pitch of the organ. Rotating the Select knob clockwise raises the pitch of the organ by semitones; rotating counter-clockwise lowers the pitch by semitones. Pressing General Cancel returns the Transposer to 0, (no transposition).

Tremulants

Tremulants create a change in pitch (sharp and flat), amplitude (volume) and phase (variations in the sound wave front). Rodgers organs use a complex model to emulate the tremulant effect of a pipe organ. The use of the tremulant adds warmth and expressiveness to solo or small ensemble combinations. It is not common to use tremulants in larger classical ensembles. In some romantic ensembles, tremulants are used judiciously. In some gospel and evangelical musical traditions, tremulants with a wider and deeper excursion are frequently used.

There are two types of tremulant controls available on Rodgers organs, *divisional* tremulants that affect only the stops in their respective division and *general* tremulants that affect all divisions.

If there is a Solo division on the organ, up to four divisional tremulants may be used. One each for the Great, Swell, and Solo; the first three are controlled by a tab or drawknob within each division, while the Solo tremulant, if applicable, is located on a thumb piston.

Some models also feature up to two additional general tremulants, Main Tremulant II and Flute Tremulant II. They will be located on thumb pistons labeled **MAIN TREM II** and **FLUTE TREM II**. Both of these tremulants find their best use in gospel, theatre and evangelical music; the Main tremulant affects Principal, String and Reed voices whereas the Flute tremulant affects only Flute voices. Divisional tremulants can be stored with registrations in both general and corresponding divisional pistons; general tremulants can only be stored on general pistons.

! Each tremulant effect can be modified easily to suit your tastes and needs. See the AG.

Tutti

There are times when a full organ registration is needed immediately. A **Tutti** control allows you to engage full organ quickly without canceling your set registration. Activate the control by pressing the **TUTTI** thumb piston or toe stud; press again to turn off Tutti and return to the current registration. When Tutti is activated, the Tutti indicator located directly above the Crescendo indicator is lit. Pressing **General Cancel (0)** will also cancel Tutti. **TUTTI** comes programmed from the Rodgers factory.

! Tutti can be reprogrammed, if desired. See the AG.

Melody Coupler

One of the most popular organ registrations utilizes a melody voice on one manual and accompaniment on another manual. Sometimes, however, it is difficult to separate the hands on two manuals. For this reason, the Rodgers **Melody coupler** was devised.

When a Melody coupler is activated, the highest note played on the Great manual uses a registration from the Swell manual. This allows you to have both an accompaniment and solo registration, even though you're playing on one manual. This coupler is located on thumb pistons under the Great manual labeled **MEL SW** or on a tab labeled **SWELL MELODY ON GREAT**. This piston or tab lights when activated.

When the Melody from Swell is activated any selected stop or MIDI voice in the Swell division sounds from the highest key being played on the Great manual.

Melody couplers should be used when the corresponding intermanual coupler is not engaged. For example, when Melody from Swell is activated, the Swell to Great couplers should not be used to achieve the proper "Melody" affect.

*! Note: An exception to this 'rule' is when using **Orchestral voices**, which do not couple with the Intermanual coupler. With an **Orchestral voice** in combination with the Swell*

organ voices, the Swell organ voices can be coupled with the SW to GT coupler, and the top solo note of the Orchestral voice can be coupled to the Great with the MEL SW coupler. This is useful when using a strong orchestral voice, such as the Trumpet.

In its default setting, the Melody Coupler operates when the top note (the *melody* note) is between keys 25 and 61 on the Great manual. The lower end of its range is programmable and may be extended down to key 13 or up to key 49. See the AG.

! Melody Couplers can be set only in General combination pistons.

Bass Coupler

The **Bass coupler** is much like the Melody coupler described above, except that it adds the Pedal registration to the lowest note played on the Great manual. This allows you to easily add a Pedal part to anything played on the Great manual.

The **BASS** coupler is located on a thumb piston beneath the Great manual or on a tab labeled **BASS ON GREAT**. When activated, the piston or tab lights, and any selected registration in the Pedal division will sound from the lowest key being played on the Great manual. This provides a pedal bass sound without actually playing the pedalboard. In the default setting, the Bass Coupler affects keys 1 through 24 of the Great manual, but its range can extend up to key 32 (top of the pedalboard range). See the AG.

! The Bass Coupler can be set only in General combination pistons

Overview:

The LDS Church Musical Instrument Selection Committee has worked with Rodgers Instruments LLC to preset Memory 1 and Memory 2 on this organ with registrations organists may find useful during church services. Listed below are the stop combinations that have been preset on Memory 1, which cannot be changed. Memory 2 is also preset with stop combinations listed on the back of this page. Memory 3 through Memory 8 can be programmed by the ward or stake organists.

Memory 1: General Combinations 1–10

Use General Combinations 1–10 when playing a congregational hymn, louder postlude, or fuller choir accompaniment. These ensemble combinations gradually build up from General 1 (which is useful for a very soft congregational hymn such as “Silent Night”) through General 10 (which is nearly full organ for the last verse of a hymn such as “Redeemer of Israel”).

Piston	Pedal	Swell	Great
General 1	Bourdon Doux 16', Gedeckt 8'	Bourdon 8', Flûte 4'	Gemshorn 8', Spitzflöte 4'
General 2	Subbass 16', Gedeckt 8'	Viole 8', Bourdon 8', Flûte 4'	Gemshorn 8', Chimney Flute 8', Spitzflöte 4'
General 3	Subbass 16', Gedeckt 8'	Bourdon 8', Piccolo 2'	Diapason 8', Gemshorn 8', Chimney Flute 8', Harmonic Flute 8'
General 4	Subbass 16', Gedeckt 8'	Viole 8', Viole Celeste 8', Muted Violes II 4'	Diapason 8', Gemshorn 8', Chimney Flute 8', Harmonic Flute 8', Spitzflöte 4'
General 5	Violone 16', Subbass 16', Octave 8', Nachthorn 4'	Geigen Principal 8', Viole 8', Prestant 4', Piccolo 2'	Diapason 8', Gemshorn 8', Chimney Flute 8', Octave 4', Spitzflöte 4'
General 6	Violone 16', Subbass 16', Octave 8', Choralbass 4'	Geigen Principal 8', Viole 8', Bourdon 8', Prestant 4', Flûte 4', Principal 2'	General 5 + Super Octave 2'
General 7	Principal 16', Subbass 16', Octave 8', Choralbass 4'	General 6 + Oboe 8'	General 6 + Fourniture IV
General 8	General 7 + Basson 16'	General 7 + Plein Jeu IV	General 7 + Trumpet 8'
General 9	General 8 (without Basson 16') + Bombarde 16'	General 8	General 8 + Swell to Great 8'
General 10	General 9 + Contre Bombarde 32', Mixture IV	General 9 (without Oboe 8') + Contre Trompette 16', Trompette 8', Clarion 4'	General 9

Divisional Combinations 1–5

Use the five Swell and five Great Divisional Pistons for additional ensemble combinations. Swell Divisional Pistons 4 and 5 are useful for trumpet fanfares such as in the hymn “God of Our Fathers.”

Pedal Divisional Pistons		Swell Divisional Pistons		Great Divisional Pistons	
Ped. 1	Bourdon Doux 16', Gedeckt 8'	Sw. 1	Bourdon 8', Prestant 4'	Gt. 1	Chimney Flute 8', Waldflöte 2'
Ped. 2	Violone 16', Bourdon Doux 16', Gedeckt 8'	Sw. 2	Geigen Principal 8', Prestant 4', Principal 2'	Gt. 2	Chimney Flute 8', Spitzflöte 4', Waldflöte 2'
Ped. 3	Principal 16', Octave 8', Choralbass 4', Mixture IV, Bombarde 16'	Sw. 3	Swell 2 + Plein Jeu IV	Gt. 3	Diapason 8', Octave 4'
Ped. 4	Pedal 3 + Contre Bombarde 32', Subbass 16', Gedeckt 8', Trumpet 8'	Sw. 4	Contre Trompette 16', Trompette 8', Clarion 4'	Gt. 4	Great 3 + Super Octave 2'
		Sw. 5	Royal Trumpet 8'	Gt. 5	Great 4 + Fourniture IV

Memory 2: General Combinations 1–10

Use General Combinations 1–10 when playing a prelude, soft postlude, or soft choir accompaniment. Generals 1–3 are set with a softer accompaniment on the upper Swell manual and a louder solo combination on the lower Great manual suitable for playing a single melody line. Generals 4–10 are set with the softer accompaniment on the lower Great manual while the louder solo combination suitable for playing a single melody line is on the upper Swell manual. Some of the solo combinations have been preset with the Tremulant. Tremulant is most effective when used sparingly for soft solo melody combinations. Tremulant should not be used to accompany congregational singing.

Piston	Pedal	Swell	Great
General 1	Subbass 16', Gedeckt 8'	Viole 8', Viole Celeste 8'	Diapason 8', Tremulant
General 2	Contre Bourdon 32', Violone 16', Gedeckt 8'	Viole 8', Viole Celeste 8', Muted Violes II 4'	Diapason 8', Gemshorn 8', Chimney Flute 8', Harmonic Flute 8', Spitzflöte 4'
General 3	Contre Bourdon 32', Principal 16', Gedeckt 8', Swell to Pedal 8'	Geigen Principal 8', Viole Celeste 8', Muted Violes II 4'	Chimney Flute 8', Spitzflöte 4', Cromorne 8', Tremulant
General 4	Bourdon Doux 16', Great to Pedal 8'	Bourdon 8'	Erzähler Celeste II 8'
General 5	Bourdon Doux 16', Gedeckt 8'	Viole 8'	Gemshorn 8'
General 6	Contre Bourdon 32', Bourdon Doux 16', Great to Pedal 8'	English Horn 8'	Flute Celeste II 8', Unda Maris II 4'
General 7	Subbass 16', Gedeckt 8'	Oboe 8', Tremulant	Chimney Flute 8'
General 8	Violone 16', Gedeckt 8'	Bourdon 8', Nazard 2 $\frac{2}{3}$ '	Gemshorn 8'
General 9	Subbass 16', Gedeckt 8'	Bourdon 8', Flûte 4', Nazard 2 $\frac{2}{3}$ ', Tremulant	Gemshorn 8', Erzähler Celeste II 8'
General 10	Subbass 16', Gedeckt 8', Great to Pedal 8'	Bourdon 8', Flûte 4', Nazard 2 $\frac{2}{3}$ ', Tierce 1 $\frac{3}{5}$ '	Gemshorn 8', Erzähler Celeste II 8', Unda Maris II 4'

Divisional Combinations 1–5

Use the five Swell and five Great Divisional Pistons for playing a single melody line on one manual. Choose a softer accompaniment on a separate manual and pedal. Some of the combinations have been preset with the Tremulant. Tremulant is most effective when used sparingly for soft solo melody combinations. Tremulant should not be used to accompany congregational singing.

Pedal Divisional Pistons		Swell Divisional Pistons		Great Divisional Pistons	
Ped. 1	Dulciana 16'	Sw. 1	French Horn 8'	Gt. 1	Harmonic Flute 8'
Ped. 2	Contre Bourdon 32', Dulciana 16'	Sw. 2	Bourdon 8', Flûte 4', Piccolo 2'	Gt. 2	Chimney Flute 8', Spitzflöte 4', Waldflöte 2'
Ped. 3	Bourdon 16', Gedeckt 8'	Sw. 3	Swell 2 + Bourdon Doux 16', Tremulant	Gt. 3	Great 2 + Violone 16', Harmonic Flute 8', Tremulant
Ped. 4	Contre Bourdon 32', Violone 16', Subbass 16', Bourdon Doux 16', Gedeckt 8'	Sw. 4	Flûte 4', English Horn 8', Tremulant	Gt. 4	Chimney Flute 8', Clarinet 8'
		Sw. 5	Bourdon 8', Flûte 4', Nazard 2 $\frac{2}{3}$ ', Piccolo 2', Tierce 1 $\frac{3}{5}$ '	Gt. 5	Chimney Flute 8', Harmonic Flute 8', Trumpet 8', Tremulant



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