

# MONITOR SPEAKER

# MS-50

## INSTRUCTIONS

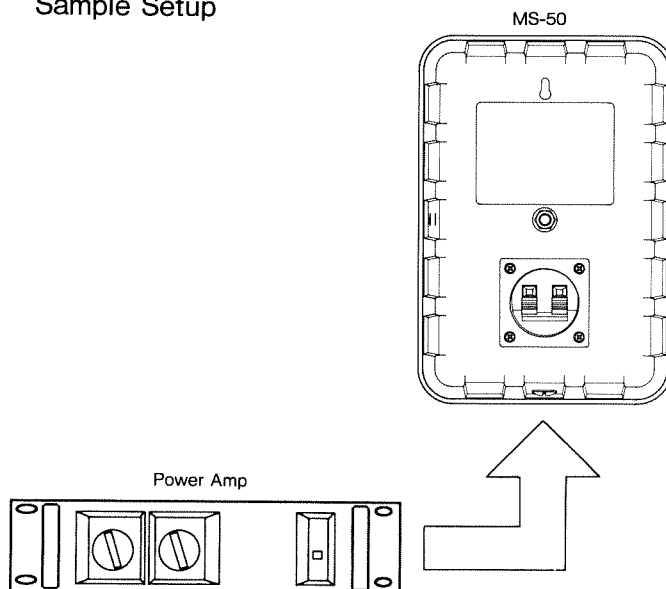
Thank you, and congratulations on your choice of Roland's MS-50 Monitor Speaker.  
To ensure proper use of this speaker, please read these instructions carefully.

## FEATURES

- High quality output suitable for monitor applications.
- Two-way, bass reflex design; rated input of 50 watts.
- A magnetically shielded mid/low driver and a horn tweeter.
- Push terminals and phone jack for signal input.
- Compact design.
- Optionally available Speaker Holder for wall or ceiling installation.

## Connection

### Sample Setup



- \* Before making any connections, be sure the power to all equipment is OFF.
- \* Excessive input power levels can severely damage this speaker.

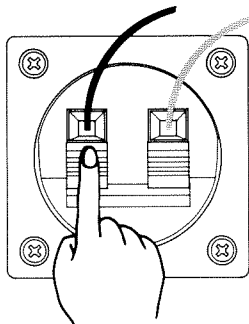
## Connecting Speaker Cord

Determine which of the two input connector types you wish to use.

### \* Push Terminals

Press the terminal tab and insert the bare wire of the speaker cord into the hole. When you release the tab, the speaker cord will be held firmly in place.

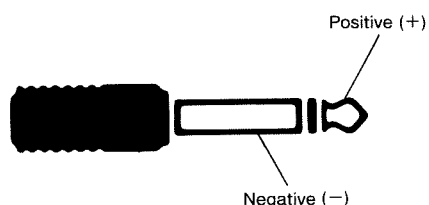
Carefully observe the polarity of the terminals: red is positive (+) and black is negative (-).



### \* Phone Jack

The polarity of the plugs is as shown below.

### Plug Polarity



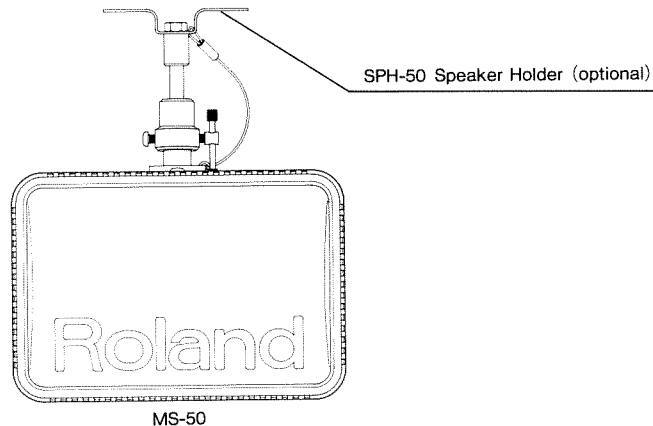
\* Never use both the push terminals and phone jack at the same time.

(The reason for this is that the push terminals and phone jack are internally connected in parallel.)

## Attaching the Speaker Holder

With the optionally available Speaker Holder (SPH-50), the speaker can be securely mounted on ceilings or walls.

\* With the Speaker Holder attached, the speaker appears as shown below. (To attach the holder to the speaker, use the supplied M6 × 15 screws and M6 × 1.5t washers.)



## Protecting the Speakers from Damage

● Excessive power input can severely damage this speaker system. While the speaker can absorb larger input peaks, be sure the continuous power input does not exceed 50 watts.

## Placement

- The combined weight of the speaker and the holder (SPH-50) is approximately 4 kilograms (9 lbs). Be certain that the particular section of ceiling or wall onto which you intend to attach the speaker will be able to adequately support this weight.
- Be aware that high volume levels may produce undesirable resonances (vibrations) in the wall or ceiling to which the unit is attached. Be sure the mounting surface is reasonably solid.
- Even though this speaker is magnetically shielded, it may still generate a magnetic field. Never place floppy disks (or any other magnetic storage media) anywhere near the speaker: the magnetic field may erase the data stored on the disks.
- The magnetic field generated by this speaker may also cause interference in televisions or video display terminals. In such a case, simply move the speaker away from the monitor.

## Important Notes

- When making any connections with other devices, always turn off the power to all equipment first; this will help prevent damage or malfunction.
- Do not subject the unit to temperature extremes (eg. direct sunlight in an enclosed vehicle). Avoid using or storing the unit in dusty or humid areas or areas that are subject to high vibration levels.
- Do not expose this unit to temperature extremes (eg. direct sunlight in an enclosed vehicle can deform or discolor the unit) or install it near devices that radiate heat.
- For everyday cleaning wipe the unit with a soft, dry cloth (or one that has been slightly dampened with water). To remove stubborn dirt, use a mild neutral detergent. Afterwards, be sure to wipe the unit thoroughly with a soft, dry cloth.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the risk of discoloration and/or deformation.

## Specifications

### ●Speakers

12cm/4-3/4inches Woofer (Magnetically shielded)  
Driver with a Horn (Magnetically shielded)

### ●Rated Input

50W

### ●Maximum Input

100W

### ●Rated Impedance

4Ω

### ●Sensitivity

92dB(1W,0.5m)

### ●Crossover Frequency

3kHz

### ●Connectors

Input Jack(1/4 inch phone type)  
Input Terminal

### ●Enclosure

Bass-reflex type

### ●Material and Finish

Body:ABS (black, painted)  
Speaker Grille:Punching Metal Grill

### ●Dimensions

166(W) × 179(D) × 242(H) mm  
6-9/16(W) × 7-1/16(D) × 9-9/16(H) inches

### ●Weight

3.2kg  
7 lbs 1 oz

### ●Accessories

Owner's Manual

### ●Options

Speaker Holder SPH-50

\* In the interest of product improvement, the specifications of this unit are subject to change without prior notice.

# Information

When you need repair service, call your local Roland Service Station or the authorized Roland distributor in your country as shown below.

## U. S. A.

Roland Corporation US  
7200 Dominion Circle  
Los Angeles, CA  
90040-3647, U. S. A.  
☎ (213)685 - 5141

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Roland Canada Music Ltd.  
(Head Office)  
5480 Parkwood  
Richmond B. C., V6V 2M4  
CANADA  
☎ (604)270 - 6626

Roland Canada Music Ltd.  
9425 Transcanadienne  
Service Rd. N., St Laurent,  
Quebec H4S 1V3,  
CANADA  
☎ (514)335 - 2009

Roland Canada Music Ltd.  
346 Watline Avenue,  
Mississauga, Ontario L4Z  
1X2, CANADA  
☎ (416)890 - 6488

## AUSTRALIA

Roland Corporation  
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(Head Office)  
38 Campbell Avenue  
Dee Why West, NSW 2099  
AUSTRALIA  
☎ (02)982 - 8266

Roland Corporation  
(Australia) Pty. Ltd.  
(Melbourne Office)  
50 Garden Street  
South Yarra, Victoria 3141  
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☎ (03)241 - 1254

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Fleet, Hampshire GU13  
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☎ 0252 - 816181

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Swansea Office  
Atlantic Close, Swansea  
Enterprise Park, Swansea,  
West Glamorgan SA79FJ,  
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Roland Italy S.p.A.  
Viale delle Industrie 8  
20020 ARESE MILANO  
ITALY  
☎ 02 - 93581311

## SPAIN

Roland Electronics  
de España, S. A.  
Calle Bolivia 239  
08020 Barcelona, SPAIN  
☎ 93 - 308 - 1000

## GERMANY

Roland Elektronische  
Musikinstrumente  
Handelsgesellschaft mbH.  
Oststrasse 96, 2000  
Norderstedt, GERMANY  
☎ 040/52 60 090

## FRANCE

Musikengro  
102 Avenue Jean-Jaures  
69007 Lyon Cedex 07  
FRANCE  
☎ (7)858 - 54 60

Musikengro (Paris Office)  
Centre Region Parisienne  
41 rue Charles-Fourier,  
94400 Vitry s/Seine  
FRANCE  
☎ (1)4680 86 62

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B-2260 Oevel-Westerlo  
BELGIUM  
☎ (0032)14 - 575811

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Roland Scandinavia A/S  
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DK-1023 Copenhagen K,  
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## SWEDEN

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S-131 30 Nacka  
SWEDEN  
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Roland Scandinavia  
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N-0216 Oslo 2  
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☎ 02 - 73 00 74

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Fazer Musik Inc.  
Länsituulente  
POB 169  
SF-02101 Espoo  
FINLAND  
☎ 0 - 43 50 11

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Roland Corporation  
(NZ) Ltd.  
97 Mt. Eden Road, Mt.  
Eden, Auckland 3,  
NEW ZEALAND  
☎ (09)3098 - 715

## SWITZERLAND

Musitronic AG  
Gerberstrasse 5, CH-4410  
Liestal, SWITZERLAND  
☎ 061/921 16 15

Roland CK (Switzerland)  
AG  
Postfach/Hauptstrasse 21  
CH-4456 Tenniken  
SWITZERLAND  
☎ 061/98 60 55  
Repair Service by  
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A-6021 Innsbruck Box 591  
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Casa Caius Instrumentos  
Musicais Lda.  
Rua de Santa Catarina 131  
Porto, PORTUGAL  
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CYPRUS  
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Taksim Istanbul, TURKEY  
☎ 149 93 24

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Street, Ard El Golf,  
Heliopolis, Cairo, EGYPT  
☎ 2917803 - 665918

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CEP-05509 Sao Paulo  
BRAZIL  
☎ (011)813 - 7967  
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Av. Ceci, No.578 Centro  
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Guadalajara s.a. de c.v.  
Av. Corona No. 202 S.J.  
C.P. 44100  
Guadalajara, Jalisco  
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☎ (36)13 - 1414

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Territories, HONG KONG  
☎ 415 - 0911

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Cosmos Corporation  
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261 2nd Floor Nak-Won  
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Jong-Ro ku, Seoul, KOREA  
☎ (02) 742 8844

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Bintang 55100 Kuala  
Lumpur, MALAYSIA  
☎ 2421288

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Kompleks Perkantoran  
Duta Merlin Blok C/59  
Jl. Gajah mada No.3-5  
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## TAIWAN

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