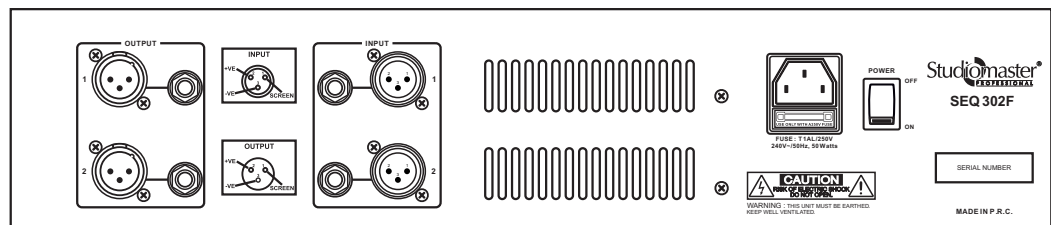
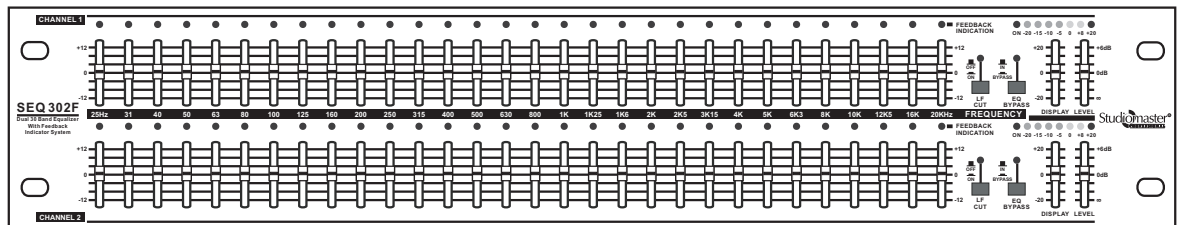


Studiomaster® PROFESSIONAL

SEQ 302F

**Professional Dual 30-Band Stereo Graphic Equalizer
 with Feedback Detection System**



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5. Technical Specifications
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1. Safety Instructions

CAUTION: To reduce risk of electrical shock, do not remove the cover.

There are no serviceable parts inside the device. Maintenance & service operations are only to be carried out by authorized dealers.



WARNING: To reduce the risk of fire or electrical shock, do not expose this appliance to rain or moisture.:



This symbol indicates that dangerous voltage constituting risk of electric shock is present within this unit.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

- If the device has been exposed to extreme temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation might damage your device. Leave the device switched off until it has reached room temperature.
- The voltage and frequency must be the same as stated on the device. Wrong voltages or power outlets can lead to damage of the device & fatal electrical shock.
- Always plug in the power plug last. Make sure that the plug is connected properly to the outlet.
- All operation & user instruction should be followed.
- The product should be kept away from water & moisture.
- Make sure the product is always well ventilated keep it away from extreme heat or cold.
- Make sure the power cord should be routed so that they do not get pinched & get subject to wear or tear.
- Always use a dry cloth to clean the product.
- Do Not drop the product, as it may cause the product to mal-function.

Factory Repair Service maybe required in the following circumstances:

- The Power supply cord or the plug has been damaged.
- If the product has been exposed to liquid spillage, rain or heavy moisture.
- If the product exhibits a change in performance & doesn't operate properly.
- If the product is damaged due to it being dropped.

2. Introduction

Thank You for purchasing the Studiomaster Professional SEQ 302F, Dual 30-Band stereo graphic equalizer.

To ensure maximum performance and safety, please follow this instruction manual carefully.

Please retain this manual for future reference.

For any complaint, feedback or testimonials please contact our Distributor / Dealer.

The Feedback Detection System is one of the most outstanding characteristics of our graphic equalizer. This ingenious circuitry lets you immediately recognize & eliminate feedback frequencies. The Feedback Detection System uses the LEDs to indicate the critical frequencies. This way, one can easily identify & control the particular frequency feedback.

3. Features

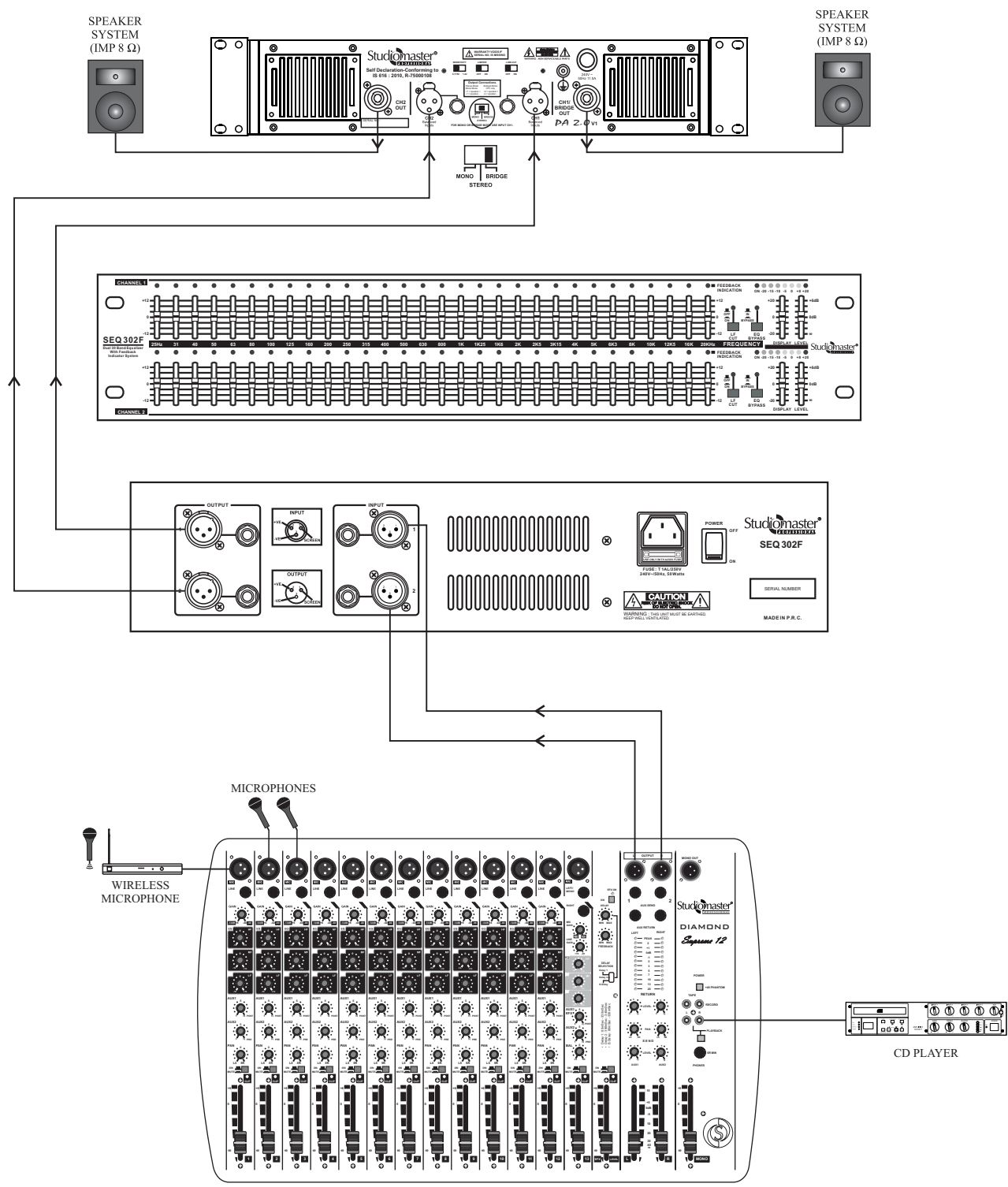
- Professional Dual 30-Band stereo graphic equalizer with Constant Q factor for live sound and install applications.
- Feedback detection system with LED for each frequency instantly reveals the critical frequencies.
- Durable & Accurate 20mm Faders for easy level setting of each frequency.
- Range setting between +12dB/-12dB to give the gradual variation required.
- Low Frequency cut & EQ bypass switches.
- Balanced inputs and outputs with 1/4" TRS and XLR connectors.

- Leave all other faders in the middle position if there is no need for frequency correction.
- Do not touch other settings (mixer gain, amplifier volume..etc), and you will have a tremendous amount of headroom available to you, without creating audible feedback.
- The brightness of LED's can be controlled by display Fader (Please see point 9).

5. Technical Specifications:

Input Impedance	Bal: 12.7K Ω
Output Impedance	Bal : 600 Ω
Input Output Connectors	XLR & TRS
Frequency Response	20Hz - 20 KHz
EQ Center Frequency	25Hz, 31Hz, 40Hz, 50Hz, 63Hz, 80Hz, 100Hz, 125Hz, 160Hz, 200Hz, 250Hz, 315Hz, 400Hz, 500Hz, 630Hz, 800Hz, 1KHz, 1.25KHz, 1.6KHz, 2KHz, 2.5KHz, 3.15KHz, 4KHz, 5KHz, 6.3KHz, 8KHz, 10KHz, 12.5KHz, 16KHz, 20KHz
EQ Cut/Boost	± 12 dB
Sub Woofer Frequency	63Hz - 315Hz
Low Cut	63Hz, -3dB
S/N Ratio	> 90 dB
THD	0.01%
Power Supply	230V AC (50~60Hz)
Power Consumption	25W
Dimensions (W x D x H)	485 x 170 x 90mm
Net Weight	3.15 Kg

6. Setup Diagram



Range of Studiomaster Professional Products.

Wired Microphones

SM 100XLR
TRIO 100
SM 200XLR
TRIO 200
SM 300I
SM 400XLR
SM 450XLR
SM 500XLR
SM 600XLR
SM 650XLR
SM 800C
SM 900C
SBM 10
SBM 20
Flex 2/Flex 2B
Flex 4

Wireless Microphones

BR 28 Series
BR 48 Series
ER 7 Series
ER 11 Series
ER 31 Series
ER 58 Series
KR 12 Series
TR 47 Series
XR 40 Series
XR 100 Series

Conference System

Vāk 10 System
Vāk 10s
Vāk 10d / Vāk 10c
Vāk 20

Crossovers

SX-2
SX-321
SX-521

Processors

SEQ 152
SEQ 302F
SEQ 312
Multi 3
SFX 8
SPS 8
SDX 4
Phantom 11

Mixers

~ Cub Series

CUB 4
CUB 6
CUB 6U

~ Air Series

AiR 2
AiR 4
AiR 6
AiR 8
AiR 12
AiR 16
AiR Pro 24
AiR Pro 28
AiR Pro 36

~ Air Series

AiR X 10
AiR X 14
AiR X 18

~ AQUA Series

Aqua 6
Aqua 8
Aqua 10
Aqua 14

~ Digital Mixer

D. Mix 20

~ Diamond Club Series

Diamond Club 6.2
Diamond Club 8.2
Diamond Club 8.2 EFX
Diamond Club 12.2
Diamond Club 12.2 EFX
Diamond Club 12.2 USB
Diamond Club 16.2
Diamond Club 16.2 EFX

~ Diamond Supreme Series

Diamond Supreme 7
Diamond Supreme 12
Diamond Supreme 12U
Diamond Supreme 16U

~ Club 2000 Series

C 142
C 142 EFX
C 182

~ Platinum Series

Platinum 12 Fx
Platinum Basic MKI
Platinum 16 Fx

~ Diamond Pro-3 Series

Diamond Pro-3 12.3
Diamond Pro-3 16.3

~ DJ Mixers

DJX 300
DJX 325
Playmix 300
DJX 825
DJX 825
DJX 875
DJX 925
DJX 975

CD/USB Media Player

MP 2000

Amplifiers

~ P - Series

PA 1.5
PA 2.0
PA 3.0
PA 4.5
PA 6.0
PA 7.5

~ DPA Series

DPA 2000
DPA 3200
DPA 4500
DPA 5000

~ DJA Series

DJA 100
DJA 500
DJA 800
DJA 1600
DJA 2500
DJA 3200
DJA 4000
DJA 5000

XJA 2600

~ Arena Series

Arena 20
Arena 30

~ Industrial Amplifier

ARC 120A
ARC 240A
ARC 480A

Speaker Component

~ S-Series

SWF 18120
SWF 18100
SWF 1880
SWF 1560
SMB 1565
SMB 1545
SMB 1530
SMB 1250
SMB 1230
SMB 1220
SHF 0104
SHF 0210

~ E-Series

EMB 1225
EMB 1530

~ TITAN Series

TWF 2115
TWF 1815
TWF 1811
TWF 1580
TMB 1555
TMB 1535
THF 0208

Passive Speakers

~ S-Series

S5225
S8018
S8118
S8128
S8028

~ Fire Series

Fire 21 / Fire 51
Fire 51A
Fire 55 /
Fire 57
Fire 82
Fire 84

~ XVP Series

XVP 1225
XVP 1540
XVP 1540M
XVP 1560
XVP 2250
XVP 2550
XVP 2585
XVP 25A2
XVP 25A6
XVP 1808
XVP 1812
XVP 2820

EKS 151

Q 400

Powered Speaker

~ ARIA Series

Aria 8
Aria 12
Aria 15

~ A Series

A 200
A 400
A 500
A 600

H 400

~ B Series

B 200
B 400 (Black & White)
B 400U
B 400UB

~ OP Series

O 415
O 515

~ SUB Series

O 12SUB
O 15SUB

Line Array System

FIRE 92
SLA-40 T
SLA-40 Kit
SLA 30
S 9022
S 9022 (FK)

Stabilizers

SVC - S1000
SVC - S2000
SVC - S3000
SVC - S5000
SVC - S8000
SVC - S10000
SVC - S12000

Speaker Stand

SS 20S
WS 10

* Design and specification are subject to change without notice.

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