

CITRONIC®

ST-series Studio Monitors

User Manual

ST5

5" Active Studio Monitor

Order ref: 170.342

Supplied: Pair



ST6

6.5" Active Studio Monitor

Order ref: 170.345

Supplied: Pair



ST8

8" Active Studio Monitor

Order ref: 170.348

Supplied: Single



ST10S

10" Activer Subwoofer

Order ref: 170.340

Supplied: Single



Features:

- Bi-amp design with 12dB/octave filters
- 2.5cm neodymium, ferrofluid-cooled dome tweeter
- Extended excursion low frequency drivers
- Magnetically shielded circuitry
- Optimised directivity high frequency waveguide
- Balanced or unbalanced inputs

Introduction:

Thank you for choosing the ST series active monitor speakers. Please read this manual prior to use.

The ST series active monitor range has been designed to serve many varied applications from studio monitoring to high end domestic audio. Please note: ST5 and ST6 models are packed in pairs, whereas ST8 and ST10S models are packed individually

Your ST series active monitor(s) may be supplied with more than 1 IEC mains lead each.

Be sure to use the correct lead, taking note of the outlet voltage and rating.

Warning:

To prevent the risk of fire or electric shock, do not expose this appliance to rain or moisture. To prevent electric shock do not remove the cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

Safety

- Prior to connecting mains, ensure that the supply voltage is correct and the mains lead is in good condition.
- Avoid ingress of water or particles into the enclosure.
- If the mains fuse blows, refer the unit to qualified service personnel

Placement

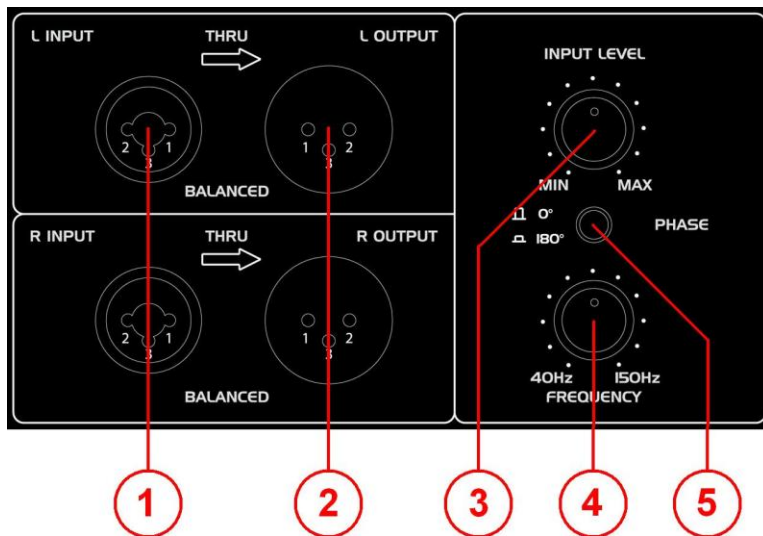
- Keep the unit out of direct sunlight and away from heat sources.
- Keep the unit away from moisture or dusty environments.

Cleaning

Use a soft cloth with a neutral detergent to clean the cabinet, panel and controls.

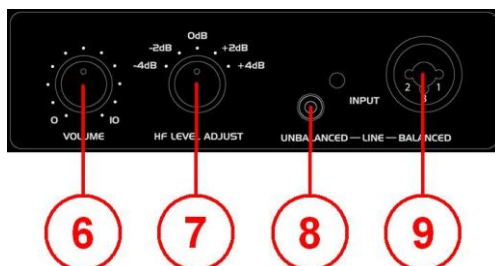
To avoid damage, do not use solvents to clean this equipment.

Control Panel – ST10S



- 1) INPUT– Combo 6.3mm TRS jack or XLR line input
- 2) THRU OUTPUT– XLR line output
- 3) INPUT LEVEL – Input volume adjustment
- 4) PHASE – Push button to invert phase of sub output
- 5) FREQUENCY – Cutoff frequency of crossover

Control Panel – ST5, ST6, ST8



- 6) VOLUME – Output level adjustment
- 7) HF LEVEL ADJUST – Adjusts
- 8) RCA Input – Unbalanced line level input
- 9) Combo – Jack or XLR line level input (bal/unbal)

Operation

- With VOLUME turned down and power switch off, connect the IEC lead to an appropriate mains outlet.
- Connect output of mixer or any line level signal to the INPUT combo connector via 6.3mm jack or XLR. Alternatively, for ST5, ST6 and ST8 models, an unbalanced line level signal can be connected via RCA connector.
- Press the power switch on and gradually increase the VOLUME until the input signal is heard through the speaker.
- For ST5, ST6 and ST8 models, the high frequency output from the tweeter can be adjusted using the HF LEVEL ADJUST control
- For the ST10S, both left and right signal should be fed first to the sub unit and the THRU outputs then connected to the tops.
- For ST10S, the crossover frequency can be adjusted via the FREQUENCY control. INPUT LEVEL adjusts L + R input volume.
- A phase button on the rear of the ST10S enables the user to invert the signal if there are low frequency phase problems. (This can occur when the sub is located at a distance from the other monitors which causes low frequencies to be cancelled out)
- Trial and error is usually a good method for checking phase – the best switch position is the one which gives the most sub output.

SPECIFICATIONS	ST10S	ST8	ST6	ST5
Power supply	220-240Vac 50/60Hz (IEC)			
Main driver	25cm (10")	20cm (8")	16.5cm (6.5")	12.5cm (5")
HF unit	2.5cm (1") neodymium silk dome tweeter – ferrofluid-cooled			
Connectors	Combo (6.3mm jack or XLR) or RCA			Combo (Jack or XLR)
Output power RMS (LF/HF)	100W	75/15W	50/15W	35/15W
Frequency response	40 - 150Hz	45Hz - 20kHz (±2dB)	50Hz - 20kHz (±2dB)	53Hz - 20kHz (±2dB)
Input impedance	10kΩ			
S/N Ratio	82dB/90dB			
THD	0.05/0.02%			
Dimensions	400 x 400 x 445mm	380 x 265 x 305mm	320 x 225 x 265mm	280 x 190 x 225mm
Weight	14.5kg	9.0kg	7.0kg	5.0kg

Troubleshooting

No output and no LEDs lit	Check POWER switch is on
	Check mains lead is connected and fuse hasn't blown
Power LED lit but no sound output	Check signal leads are OK and connected properly
	Check VOLUME or INPUT LEVEL is not turned fully down
Output is low	Check input signal is not very low level
	Increase VOLUME or INPUT LEVEL control
Output is loud or distorted	Reduce output level of mixer or audio signal feed
	Decrease VOLUME or INPUT LEVEL control