

SUPERSCOPE®



Superscope 400 Series of Music Practice and Digital Recording Systems

The PSD410 and PSD450 are professional audio recorders with the tools and performance necessary for musicians, vocalists and students to improve and for educators to save time.

RECORD WAV AND MP3 FILES TO SD CARD AND HDD

Record WAV files (16 or 24 Bit), or record MP3 files for posting to websites and sending with emails.

BATTERY OPERATION

Take your Superscope wherever you go and record without the worry of power cords and adapters. Use AA or rechargeable Ni-MH batteries.

USB FOR EASY TRANSFER OF FILES TO PC OR FLASH DRIVE

Connect to your computer for quick file transfer, or copy files onto a USB storage device for convenience.

LARGE FULL LCD COLOR DISPLAY FOR EASY OPERATION

A large Full Color LCD display allows viewing of 8 file names or 8 titles at the same time and files with long titles. The display clarity and simple screens will guide you to easily find needed control knobs and functions.

FILE EDITING

Including Edit Track Info, Divide/Combine/Trim, Delete, and Export.

OVERDUB AND PUNCH IN/OUT

Record with an accompaniment file and create layered recordings or "sound on sound" files. Use Punch In/Out to re-do sections.

TEMPO AND KEY CONTROLS

Make real-time tempo and key changes and play-along and record. Create practice lessons for yourself or your students and transfer to a SD Card or USB storage device. Fine-tune your accompaniment file to match your instrument or vocal range.

CREATE PRACTICE LOOPS

Create A-B practice loops and slow down the tempo and/or change key to match your practice routine.

VOCAL REDUCTION

Reduce lead vocals and change key to create singing accompaniments that match your voice range.

PROFESSIONAL INPUTS/OUTPUTS

Inputs include Mic/Line inputs (XLR, 1/4"), Instrument input (1/4"), Aux input (RCA), and Digital In. Outputs include Line output (RCA) and Digital Out (RCA). Built-in 48V Phantom Power supplies voltage to condenser microphones.

SMALL AND LIGHT WEIGHT

The size and lightweight of the PSD400 Series, along with battery operation, offers true portable professional recording whether indoors or outdoors.

HIGH QUALITY

The PSD410 and PSD450 are manufactured in Japan consistent with the high quality and reliability Superscope has been producing for more than 50 years!

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PSD410

The PSD410 is a professional portable SD Card audio recorder including the music practice features Superscope is famous for... Tempo and Key Control, A-B Looping, Voice Reduction, Accompaniment Mode, and much more. The USB interface allows for easy transfer of files from your SD Card to your computer or onto a USB storage device. Battery operation offers true portability, and the large color LCD provides an ease of use never before experienced in a portable digital recording system.

PSD450

The PSD450 includes all of the PSD410 features plus adds a 40GB Hard Drive for direct recording with plenty of memory for file storage. Also built-in is a CD Burner for creating an audio CD or for burning data CDs as well. Use your favorite CDs for practice and accompaniment. The PSD450 is the ultimate portable music practice and recording system. For more information regarding the PSD410 and PSD450 visit our website at www.SuperscopeTechnologies.com.

Features

	PSD410	PSD450
RECORD		
SD Card	•	•
Hard Drive (40GB)		•
CD Burning (Audio or Data), Direct-to-CD Recording		•
USB Storage Device (MP3 only)	•	•
Number of Channels	2	2
RECORDING FEATURES		
Record Formats	WAV, MP3	WAV, MP3
16 & 24 Bit (WAV Only)	•	•
48V Phantom Power	•	•
VU Meters	•	•
Mic ATT/Mic EQ	•	•
ALC/Limiter	•	•
Overdubbing	•	•
Record with CD		•
Record Review	•	•
Punch-In/Out Recording	•	•
Effects (Reverb, Delay)	•	•
Panning	•	•
Date/Time Recording	•	•
Simultaneous Recording		SD/HDD
PLAYBACK FEATURES		
Playback Formats	WAV, MP3	WAV, MP3, CD Audio (CDDA)
Simultaneous Key & Tempo Control	•	•
Tempo Control (+50%, -75%)	•	•
Key Control (+/- One Octave Range)	•	•
Fine Tune Adjustment (0.1% Steps, +1-2% Max)	•	•
A-B Loop	•	•
Voice Reduction	•	•
Balance	•	•
3-Band EQ	Parametric	Parametric
Editing	•	•

Features

	PSD410	PSD450
OTHER		
LCD Display	Full Color	Full Color
Chromatic Tuner and 440Hz Tone	•	•
Metronome	•	•
Built-In Mics	2	2
Built-In Speaker	•	•
INPUTS/OUTPUTS		
USB 2.0	•	•
Mic/Line Input (XLR & 1/4" x 2)	•	•
Instrument Input (1/4")	•	•
Aux Input (RCA x 2)	•	•
Line Output (RCA x 2)	•	•
Headphone Output (1/4") with Level Control	•	•
S/PDIF Digital Input/Output (RCA)	•	•
Foot Pedal Input (1/4")	•	•
POWER SUPPLY		
Power Requirements (100V-230V, 50/60 Hz)	•	•
Battery Operation (8 AA batteries)	•	•
Battery Operation (Ni-MH rechargeable)	•	•
ACCESSORIES		
AC Adapter	•	•
Remote Control with Batteries	•	•
SD Card	•	•
USB Cable	•	•
RCA Audio Cable	•	•
Printed Quick Start Guide	•	•
Owners Manual on Compact Disc (PDF)	•	•
Size (Inches)	10.5x3.5x7.5	10.5x3.5x7.5
Size (mm)	267x89x191	267x89x191
Weight (Without Batteries)	3.9 lbs	4.5 lbs
Weight (Without Batteries)	1.8 Kg	2.1 Kg