

Technical Specifications

REAL BUTTONS MAKE IT EASY

Shortcut provides *real buttons* for every common function, and they're grouped together for fast one-hand operation.



A large scrub wheel provides an outstanding simulation of rocking a tape reel. It's easy to find the exact mark for a cut—even if you're moving fast to make a deadline. For added confidence, a high resolution display shows big, backlit waveforms. And a ZOOM feature shows details as small as a few milliseconds—or an entire sentence at a glance.

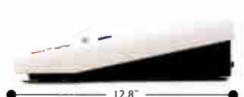
We've made it easy for anyone to produce polished audio. Say you have silence before your recording—just highlight it, press ERASE, and it's gone. There's word processor style CUT, COPY and INSERT. Shortcut's INSERT EDIT capability inserts a new commentary or a stored clip as a seamless addition. Make a mistake? No problem, because Shortcut's UNDO function will take you back to where you were.

PORTABILITY FOR FIELD WORK

At about twelve pounds, Shortcut goes everywhere you go, and can operate from any of the world's voltages. It includes a mic preamp, built-in stereo speakers, and a headphone jack for private monitoring. To record in the field, just plug in a microphone, and produce the final edited recording on the spot.

COST EFFECTIVE AUDIO NETWORKING

Like many 360 Systems products, Shortcut features our D-NET™ File Transfer Network**. D-NET uses the AES digital ports for high-speed transfers of audio files, including the cut names and running times. A Shortcut editor in Production can feed edited audio to DigiCart/II® or Instant Replay® units throughout your facility.



AUDIO

Audio format	2-channel
Recording time @ 48 kHz	Model SC-180-1: 1½ hrs.; Model SC-180-2: 3 hrs.
Recording medium	3.5" internal hard disk
Frequency response	20 Hz to 20 kHz ±0.5 dB
Sample rates	44.1 kHz, 48 kHz
Word size and coding	16 bit linear
A/D and D/A converters	Sigma delta, oversampled
Analog outputs	Balanced, XLR-3 connectors
Maximum output level	+24 dBu balanced
Analog inputs	Balanced, input Z = 10KΩ; XLR-3 connectors
Maximum input level	+27 dBu balanced (LINE) +4 dBu balanced (MIC)
CMRR	>80 dB @ 60 Hz
Digital I/O	1. AES/EBU on XLR-3 connectors; 110Ω 2. D-NET AES data on BNC jacks; 75Ω 3. IEC-958 Type II, output only
Record functions	Insert Record, Punch-in and punch-out
Edit functions	Cut, Copy, Insert, Erase
Maximum locate markers	500 per cut
Hot-Keys	10
Display modes	Single or dual waveforms Elapsed time or remaining time
Display scale	Four steps; full scale = 2, 5, 10 or 20 sec.
Backup and Restore	To audio DAT via AES digital outputs; by cut, by directory, or by entire contents of hard disk.

GENERAL

Display	High resolution bit-mapped backlit blue LCD
Networking	D-NET file transfer format on AES ports**
Audio level metering	Peak reading 2-channel LED bar graph display
Panel buttons	Illuminated, silent action
Headphones	Stereo 1/4" (6.35mm) jack, with level control
Monitor speakers	Two, 4" (100mm) speech range, with level control
Dimensions (HWD)	3.7" x 17.25" x 12.8" (94mm x 438mm x 325mm)
Weight	12.5 lbs. (5.7 kg.)
Power requirements	90 to 250 volts, 50/60 Hz, 40 watts
Country of origin	USA
Approvals	FCC, CE

Shortcut Personal Audio Editor and Hot Keys are trademarks of 360 Systems.
*U.S. list price. \$2,995 includes 1.5 hour drive; \$3,495 includes 3 hour drive.
**D-NET supplied free of charge with Release 2 software.

360 Systems
PROFESSIONAL DIGITAL AUDIO

5321 Sterling Center Drive
Westlake Village, CA 91361
USA

Voice (818) 991.0360
Fax (818) 991.1360
<http://www.360systems.com>

Short/cut[™]
PERSONAL AUDIO[™] EDITOR

THE SHORTEST DISTANCE BETWEEN TWO EDIT POINTS



THE HIGH SPEED EDITOR FROM 360 SYSTEMS

- REPLACE REEL TO REEL
- NEWS ACTUALITIES
- EDIT DAT TAPES
- PHONE CALL-INS
- VOICE-OVERS
- PROMOS
- PRICED FROM \$2,995



2342 S. Div.
and Rapids, Mich.
800-99-

360 Systems
PROFESSIONAL DIGITAL AUDIO

Introducing Shortcut™ PERSONAL AUDIO EDITOR



Anatomy of a Personal Audio Editor

THE PERSONAL AUDIO EDITOR

360 Systems' new Shortcut™ digital editor delivers all the features you'll need to capture and edit audio for talk radio, call-in clips, news actualities, promos and spots. Most importantly, you'll get results in record time.

POWERFUL ENOUGH FOR PRODUCTION, SIMPLE ENOUGH FOR ON-AIR

Despite its small size, Shortcut's big feature set delivers serious power for production work. Features like a true scrub wheel, ultrafast editing, and a stereo waveform display give Shortcut the muscle to handle your toughest assignments.

Shortcut delivers this power without the complexity of a PC-based workstation. It doesn't need a computer, monitor, mouse and special plug-in cards. Instead, Shortcut presents a beautifully simple *hardware solution* to editing. With its traditional transport controls, Hot-Keys for quick playback, and dedicated buttons for key functions, Shortcut can be used on-air with speed and confidence.

Best of all, Shortcut delivers all this for less money than most audio editors.

IT'S ALWAYS READY TO RECORD

You'll never miss another important phone call or sound bite, because Shortcut has an INSTANT RECORD feature. Just touch RECORD, and it immediately captures incoming audio—no matter what mode you've been working in.

Because Shortcut records directly to its internal hard disk, all your material is "on-line" for immediate access. To locate a specific clip for playback, just type its name on the keyboard. For even quicker access, assign a clip to one of the ten Hot-Keys. You'll get immediate playback, with zero delay.



Ten FUNCTION KEYS provide easy access to file management and preference menus.

ZOOM IN and ZOOM OUT are conveniently located under the display.

Ten HOT-KEYS can store frequently-used cuts for immediate playback. They also act as extra "clipboards" for saving bits during editing.

The typewriter-style KEYBOARD is convenient for adding titles and finding cuts.

Use MARK to identify segments for later editing, or to highlight a "keeper".

EDIT IN and EDIT OUT act like a digital grease pencil for marking edit points.

BLEEP BUTTON overwrites obscenities with a tone or with a custom sound you've created.

EDIT and SOLO buttons isolate a single channel for editing.



TRANSPORT CONTROLS operate in the traditional way.

The large SCRUB WHEEL emulates reel-rocking on a tape recorder, right down to the sound.

