6416Y2 A-Net® Interface Card Quick Start

Steps marked with this symbol may be configured using the Pro64 Network Manager. If you use Network Manager to configure your card, be sure to set switch #9 on SW9 to UP in order to retain those settings across power cycles.

STEP		SWITCH		FUNCTION	UP	DOWN
① **SET THE CARD'S MY MODE FOR 8- OR 16-CHANNEL OPERATION.**		SW8	#10	MY MODE	MY16	MY8
② **SET THE NETWORK CONTROL MASTER AND CLOCK SOURCE.** *To use the host console to provide the master clock*, set one 6416Y2 in that console to be Control Master. Ensure that no other Pro64 devices are set as Control Masters. *If the Pro64 network will provide the clock to the console*, ensure that all 6416Y2 cards are set as slaves, and be sure to set the console to slave to the clock presented in the card slot.		FRONT	#12	CONTROL MASTER/SLAVE SELECTION	SLAVE	CONTROL MASTER
③ **SET THE NETWORK MODE.** If the card is the Control Master, set the network mode on the card. If it is a slave, confirm that the network mode is properly set on the Pro64 device which is Control Master.		SW9	#1	NETWORK MODE	MANUAL	AUTO
④ **CONFIGURE THE CARD FOR PC- OR HARDWARE-BASED CONTROL.** a. *If the card is the Control Master and you want to connect a computer,* set the Managed Mode switch to enable PC communication.		SW9	#10	MANAGED MODE	PC	NO PC
b. Set each card to use the settings stored on the card from Pro64 Network Manager or to read its DIP switch positions.		SW9	#9	SETTINGS SOURCE	STORED IN MEMORY	READ DIP SWITCHES
⑤ **CONFIGURE m-control™, IF DESIRED AND IF SUPPORTED BY THE CONSOLE.** a. Enable *m-control* on only one card per console. *Note: A single card cannot simultaneously support both m-control functionality and a PC connection.*		FRONT	#10	m-control	OFF	ON
b. Select the RS-422 control source—backplane or DB9—as determined by the console.		SW3	#5	CONTROL SOURCE	DB9	BACKPLANE
c. Activate *m-control* for the required number of mic preamp channels in the Pro64 network.		SW3	#1	CONTROL 1-16	ON	OFF
			#2	CONTROL 17-32		
			#3	CONTROL 33-48		
			#4	CONTROL 49-64		
d. Ensure that the Control Group on the card matches the Control Group on all remote Aviom devices.		SW3	#7-8	CONTROL GROUP	#1 ▼▼ #2 ▲▼ #3 ▼▲ #4 ▲▲	
e. Select the pad mode for each 6416Y2 card that has been enabled for *m-control*.		SW3	#6	PAD MODE	MANUAL	AUTO
⑥ **SET THE A-NET SLOT RANGE FOR AUDIO I/O AND ACTIVATE CHANNELS.** a. Set the A-Net Slot range for each card for audio channels from the Pro64 network to the console.		SW9	#7-8	A-NET SLOT RANGE (from network to console)	1-16 ▼▼ 17-32 ▲▼ 33-48 ▼▲ 49-64 ▲▲	
b. To send audio from the console into the network, set the A-Net Slot range for each card for audio from the console into the Pro64 network.			#5-6	A-NET SLOT RANGE (from console to network)	1-16 ▼▼ 17-32 ▲▼ 33-48 ▼▲ 49-64 ▲▲	
c. To send audio from the console into the network, activate those network channels on the card.		SW1	#1-8	CH 1-8 ACTIVATION	ACTIVE	OFF
		SW2	#1-8	CH 9-16 ACTIVATION		