ACC-25/50 & ACC-25/50ZS Battery Calculation

Since the current draws listed here can be edited, the user is fully responsible for verifying these calculations.

Entries only to be made in the Yellow cell locations

Regulated Load in Standby

Device Type	Number of Devices		Current (Amps)		Total Current (Amps)
ACC-25/50 consisting of: Main Circuit Board and one ACC-AAM25 Audio Amplifier (1 max)	0	X	0.285	=	0.000
or					
ACC-25/50ZS consisting of: Main Circuit Board, one ACC-AAM25 Audio Amplifier, one ACC-ZPMK Zone Page Module, and one ACC-ZSM Zone Splitter Module (1 max)	0	X	0.440	=	0.000
ACC-AAM25 Audio Amplifier Module (1 max)	0	X	0.065	=	0.000
FC-RM Remote Microphone with FC-MIM Microphone Interface Module (1 max)	0	X	0.006	=	0.000
ACC-ZPMK Zone Page Module	0	X	0.059	=	0.000
ACC-ZSM Zone Splitter Module	0	X	0.005	=	0.000
ACC-EPM External Page Module	0	X	0.005	=	0.000
Additional Current drawn from TB4 Auxiliary Power Output (0.035 amps maximum)				=	0.000
SUM COLUMN FOR STANDBY LOAD			**0.000**	=	AMPS

ACC-25/50 & ACC-25/50ZS Battery Calculation

Since the current draws listed here can be edited, the user is fully responsible for verifying these calculations.

Entries only to be made in the Yellow cell locations

Regulated Load in ALARM

Device Type	Number of Devices		Current (Amps)		Total Current (Amps)
ACC-25/50 consisting of: Main Circuit Board and one ACC-AAM25 Audio Amplifier	0	X	2.385	=	0.000
or					
ACC-25/50ZS consisting of: Main Circuit Board, one ACC-AAM25 Audio Amplifier, one ACC-ZPMK Zone Page Module, and one ACC-ZSM Zone Splitter Module	0		2.505	=	0.000
ACC-AAM25 Audio Amplifier Module (1 max)	0	X	2.000	=	0.000
FC-RM Remote Microphone with FC-MIM Microphone Interface Module (1 max)	0	X	0.030	=	0.000
ACC-ZPMK Zone Page Module	0	X	0.059	=	0.000
ACC-ZSM Zone Splitter Module	0	X	0.063	=	0.000
ACC-EPM External Page Module	0	X	0.005	=	0.000
Additional Current drawn from TB4 Auxiliary Power Output (0.035 amps maximum)					0.000
SUM COLUMN FOR LOAD IN ALARM			**0.000**	=	AMPS

Note 1. The FC-XRM70 Transformer Module draws no current in standby or alarm.
Note 2. The FC-LPS Local Playback Speaker Module draws no current in standby or alarm.
Note 3. In backup configurations, the optional ACC-AAM25 draws no current in alarm.
Note 4. The ACC-25/50 will turn off the background music in the event AC power is lost in order to preserve battery power.

ACC-25/50 & ACC-25/50ZS Battery Calculation

Since the current draws listed here can be edited, the user is fully responsible for verifying these calculations.

Entries only to be made in the Yellow cell locations

Use the total standby and alarm load currents calculated in tables A-2A and A-2B for the following battery calculations

Standby Load Current (Amps)		Required Standby Time in Hours (24 or 60 Hrs.)		
0.000	X	24	=	0
Alarm Load Current (Amps)		Required Alarm Time in Hours (5 minutes = 0.084)		
0	X	0.084	=	0
Add Standby and Alarm Load for Required Ampere Hour Battery				0
Multiply by the Derating Factor of 1.2 Total Ampere Hours Required			=	0