

FLASH - Features

MidiStar FLASH-2, FLASH-4, FLASH-8 and IP3

The features of aphona's FLASH systems are always being extended and improved.

Description	Notes
1 ACD	Automatic call distribution linear, cyclical or broadcast
2 Trunk line configurable	PTP / PTMP, also mixed
3 External calls by DID and MSN	To make a call directly to the requested person
4 Call forward no answer CFNA	To TAFAS or night station
5 Call waiting internal / external	
6 Call waiting prevention	
7 Point to point (PTP)	See trunk line and internal ISDN-Interfaces
8 Call queuing for external and internal calls	
9 Call pick up	For 4 groups, each up to 32 subscribers
10 Call forward	<ul style="list-style-type: none"> • For external and internal incoming calls (internal/ ext.); • Externally programmable see DISA; • For virtual subscribers; • Immediately or only if busy; • At the ISDN trunk (in accordance with Generic Functional Protocol); • Partial Rerouting; • No answer (SW A03V03); • In the public switched telephone network (PSTN, Provider dependent); • Internal subscriber – no answer; • Internal subscriber – busy;
11 Automatic call-back	
12 Message before answer / music on hold	2 internal
13 AOC for ISDN terminals	Provide dependant
14 Baby-call / senior-call	
15 Backup-/Restore function of system configuration	By remote connection and system phone
16 Call access rights setting	
17 Busy on busy-signalling to the network for busy subscribers	Into the public network
18 Trunkgroup access codes	Multiple trunk lines (different providers)
19 Call Pick Up	
20 Check-in/ Check-out by master station	
21 Chief / secretary – function	
22 Code lock	Lock the phone
23 Coded call / coded call exception	
24 CLIP (Calling Line Identification Presentation)	Display call number; for analogue subscribers (phone-dependant): FLASH-4 and FLASH-8 by SMD, TSA-6/TSA-8; FLASH-2 by CLIP-module (optionally)
25 CLIPO (Calling Line Identification Presentation Override)	Restriction of CLIR for selected subscribers (Police, etc)
26 CLIR (Calling Line Identification Restriction)	Restriction of call number display
27 COLP (Connected Line Identification Presentation)	

	Description	Notes
28	COLR (Connected Line Identification Restriction)	
29	CTI – Interface	V.24
30	Data call set up to LAN	FLASH-4/8: by E1-LAN card (optionally)
31	Datex P (Point of sales)	B-channel and D-channel
32	DISA remote access	Using the subscriber telephone remotely for configuration and call set ups (password protected)
33	DECT Integration	Integration of external DECT systems
34	3-party-call	Internal and external (not supported by FLASH-2)
35	Direct inward dialing / direct inward dialing restriction	
36	Paging	To room speaker or other subscribers
37	Call charge	Charging for active and/or passive calls; Chip-Card memory PCMCIA (optionally) for FLASH-4 and FLASH-8
38	Call charge program ChargeStar, Samwin (optional)	
39	Call charge generation	By LCR if AOC Information is missing
40	Ethernet Interface	FLASH-4, FLASH-8: by E1-LAN card (optionally)
41	Explicit Call Transfer (ECT)	
42	Facsimile Interface	
43	Remote download of the firmware	
44	Remote download of music and message on hold	FLASH-4, FLASH-8: by SMD card
45	Remote maintenance / Remote configuration	
46	Charge print	On printer or PC
47	Charge printer	Connection with a serial charge printer
48	Call charge data recording	See Call charge program
49	Call charge pulse generation	To analogue subscribers with 12/16 kHz pulses, supported by TSA-6, TSA-8 and FLASH-2
50	Call charge counter connection	E.g. CountStar
51	Closed user group (CUG)	
52	Hotel features	With ChargeStar, Samwin software (optional)
53	Hotline	Automatic call set up to defined subscriber
54	Malicious call identification (MCID)	
55	Implicated call transfer for ISDN (ICT)	Additional to ETSI-Feature Explicit Call Transfer
56	Internal S ₀ -ports	PTP/PTMP configurable
57	Internal EURO-ISDN Interfaces	FLASH-4, FLASH-8: E1-LAN card (optional)
58	Internal calls - non blocking	
59	Internal call restrictions available	
60	IP-Router Integration	FLASH-4, FLASH-8: E1-LAN card (optional)
61	ISDN Multi Interface PRI/S2M	FLASH-4, FLASH-8: E1-LAN card (optional)
62	Configuration program	Windows ® PC-based
63	Configuration by System phone	Additional to Windows ® PC
64	Speed dial numbers	Common for 300 entries; individual for 10 entries
65	LAN Interface	See Ethernet Interface
66	LAN telephony	See VoIP
67	Least Cost Routing	

Description		Notes
68	Brokering (multi-party-service)	
69	Multi-directional communication	
70	Point to Multipoint (PTMP)	See trunk line and internal ISDN Interfaces
71	MSN	Configuration of Multi Subscriber Numbers (at PTMP) available
72	MWI (message waiting indication)	
73	Music on hold	
74	Night service	Night station freely programmable
75	Message display	3 text versions programmable
76	Number Translation	
77	Partial Rerouting	Diversion to trunk with empty B-channel
78	19 inch rack version	Optionally for FLASH-4 and FLASH-8
79	TAFAS / TAFAS exception	Trunk answer from any station
80	Recall	Incl. incomplete recall
81	Direct trunk access	
82	Directory structure	Flexible from one-digit up to four-digit
83	Subscriber number display at analogue subscribers	See CLIP
84	Subscriber number restriction	See CLIR
85	Call distribution	See ACD
86	Contact outputs	For call counters and indicators
87	Semi permanent B- or D-channel	
88	Serial Interface	
89	Scalability of FLASH systems	Master / slave operation
90	S ₀ -ports configurable	External / internal: FLASH-2, AUS-X and TAX-SP
91	Barring facility for specified numbers	
92	Voice announcement (message on hold)	
93	Voice mail integration	External device: Vocal Junior
94	Speaker interface with door opener	
95	Sub-addressing	
96	Systemphones digital, 2-wire	M21S, M21A
97	Systemphones VoIP	M61S, M61A
98	Subscriber interface names	
99	Alphanumeric Telephone directory	Common 300 entries, individual 10 entries
100	Appointment call	
101	Message before answering	Individual programmable
102	Interface for door speaker	With door opener function
103	Call transfer	For external / internal calls
104	Disabled call forward no answer	To Fax –Interface
105	Voice Mail Integration	
106	Virtual external subscribers	Up to 50 external subscribers configurable as extensions
107	VoIP telephony	IP3, FLASH-4/8
108	VoIP networking	IP3, FLASH-4/8
109	Music on hold (internal/external)	Individual recording available
110	Routing optimization	See Partial Rerouting
111	Alarm call	
112	X.25	In D- and B-channel for cash terminals
113	Time-date-configuration	

System phone Features

More features with M21, M61 and M11

See also technical descriptions:

M21S_03-2004-TD, M21A_03-2004-TD, M61A_03-2004-TD, M61S_03-2004-TD, M11_03-2004

Description	Notes
1 Alphanumeric telephone directory	Common 300 entries, individual 10
2 Call status display	
3 Not answered calls	Call log for 10 numbers, at M21C up to 30
4 Busy display for extensions and trunk line	On display or LED
5 Computer supported dialing	With CTI-software via V.24. interface
6 CTI-interface	V.24 interface
7 Date / time function	Display
8 Paging / intercom	As called subscriber
9 Call charge display	
10 Follow me – call transfer	For each extension
11 Handsfree function	
12 Function keys	
13 Headset operation	
14 Charge printer	
15 Phone configuration via PC	Organizer - Windows software program
16 Last number store	Up to 10 call numbers, at M21C up to 30
17 Volume control	
18 MWI (message waiting indication)	Message display with compatible Voicemail message
19 DTMF-sending	During a call for controlling purposes
20 Microphone mute	
21 Name display (CNIP)	
22 Parking state	
23 Programmable keys	
24 Room monitoring	Baby / senior phone function
25 CLIP	Calling line identification presentation
26 Alphanumeric directory	Common and individual with names
27 Terminal portability	
28 Ring Tone adjustments	Level, pitch and frequency
29 V.24 interface	For CTI, printer or PC
30 Onhook dialing	
31 Redialing	
32 Extension Key module	M21plus for additional 40 destinations with LED display

All features are applicable to FLASH systems on public ISDN interfaces combined with aphona Systemphones and Up₀ interfaces. Features on other interfaces or connected terminals are subject to certain restrictions.

Software version: **A03V03 /A04V01**