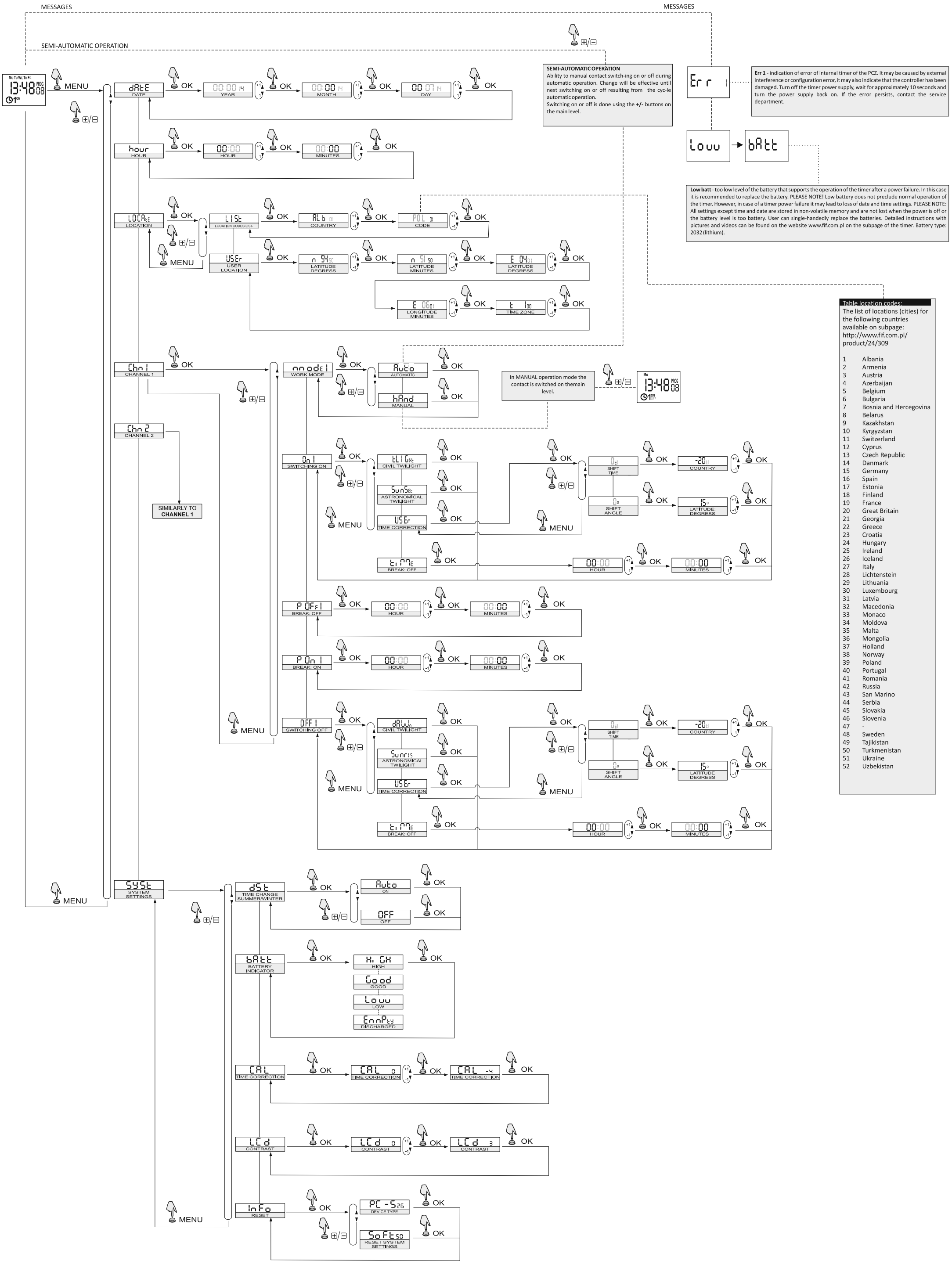Programming scheme